

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

Fee Lease

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

None

8. Farm or Lease Name

Buckeye Gas Products Co.

9. Well No.

2

10. Field and Pool, or Wildcat

Storage Well

11. Sec., T., R., M., or Blk.
and Survey or Area

12. County or Parrish

13. State

Grand

Utah

17. No. of acres assigned
to this well

15

20. Rotary or cable tools

Rotary

22. Approx. date work will start*

August 15, 1979

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☐Gas
Well ☐Other ☒ StorageSingle
Zone ☐Multiple
Zone ☐

2. Name of Operator

Buckeye Gas Products Company

3. Address of Operator

P.O. Box 3478, Tulsa, Oklahoma 74101

4. Location of Well (Report location clearly and in accordance with any State requirements)

At surface

SE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$ Sec 26, T25S, R21E, 3022.5' (3023' FEL)

At proposed prod. zone

West of East Section Line, 146.5 North of South Section Line

Same

14. Distance in miles and direction from nearest town or post office

North edge of Moab, Utah on U.S. 160 Highway

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

250 ft.

16. No. of acres in lease

15

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

350 ft.

19. Proposed depth

1950 Hermosa

17. No. of acres assigned
to this well

15

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

Ground level 3963.5

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
30"	24"	125.49	200'	*500 sks
23"	20"	95.0	600'	850 sks
17-1/2"	13-3/8"	54.5	1,425'	1,200 sks
12-1/4"	9-5/8"	29.3	1,475'	550 sks

*All strings of pipe to be cemented to the surface.

This well to be developed into a storage cavern in the Paradox Member of the
Hermosa Formation of Pennsylvanian Age.

Blowout preventer to be placed on the 20" casing.

See attached sketch showing expected salt depth and proposed depths of other
down hole features.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

B.F. Bellings

Title

President

Date

7-13-79

(This space for Federal or State office use)

Permit No.

43-019-30534

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

File ☒
CARD ☐NID Sh ☒
Comp Sh ☐API NO ☒

*See Instructions On Reverse Side

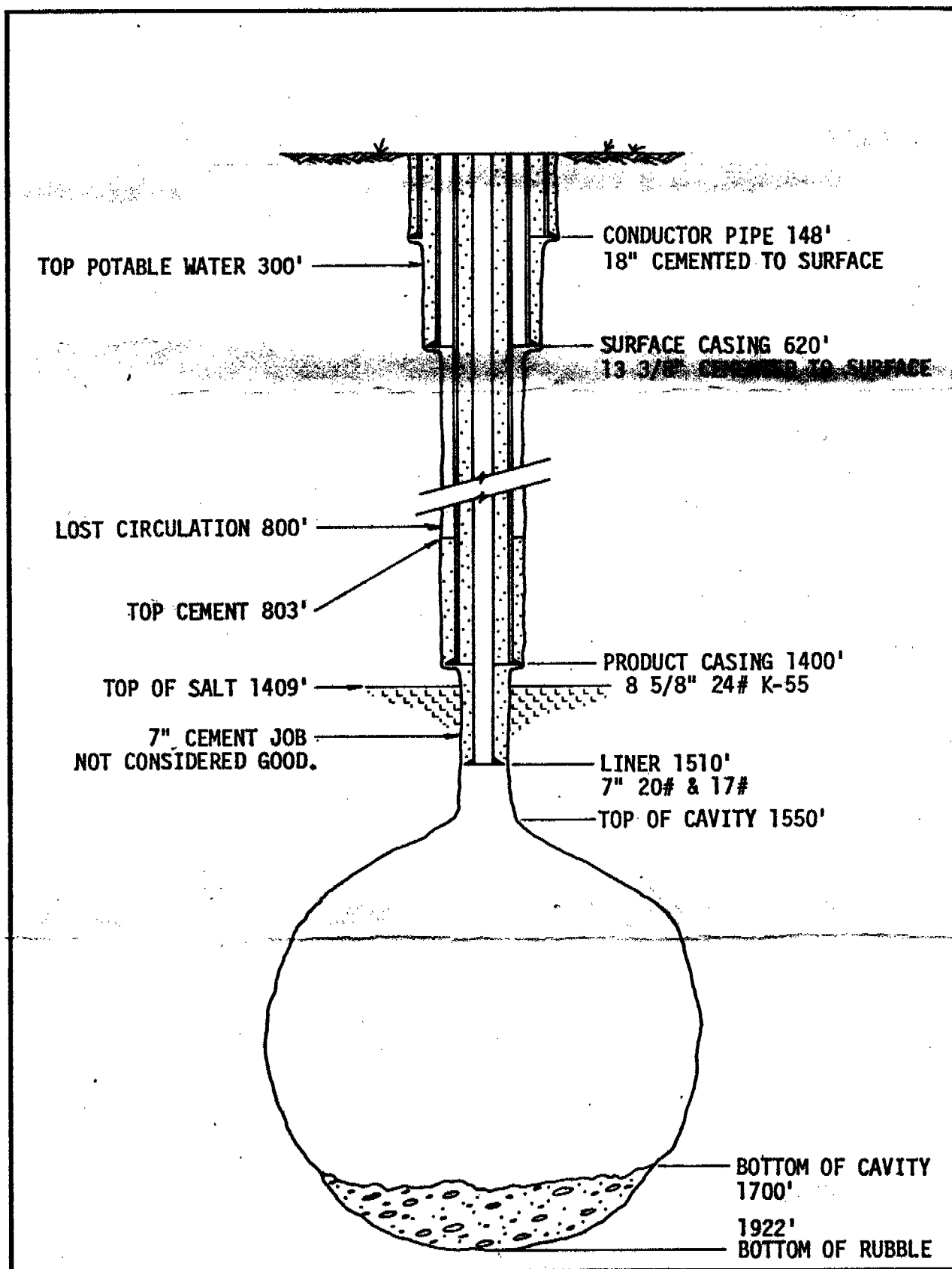


Figure 2. Sketch Showing Present Construction of Storage Well NO.1

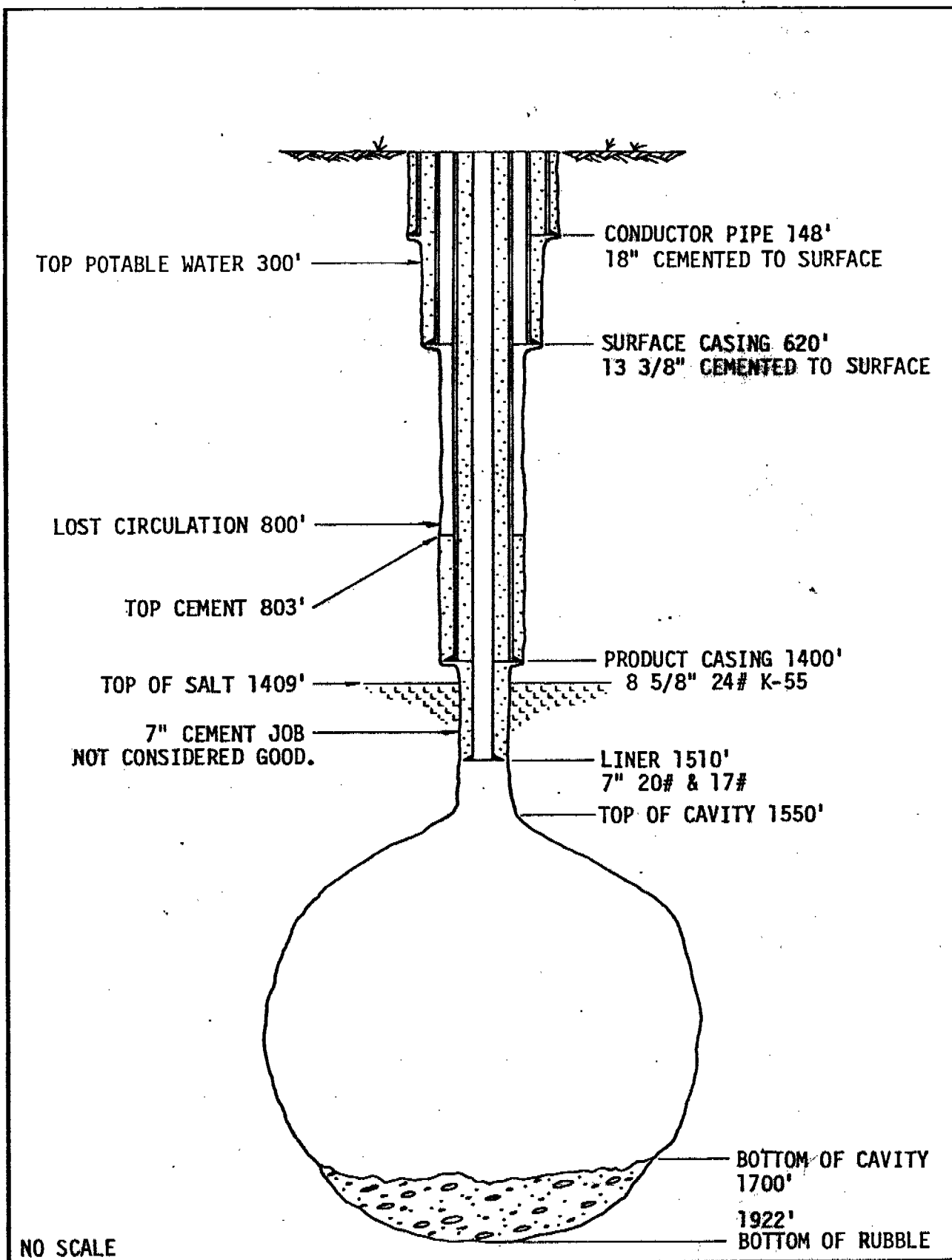


Figure 2. Sketch Showing Present Construction of Storage Well No.1

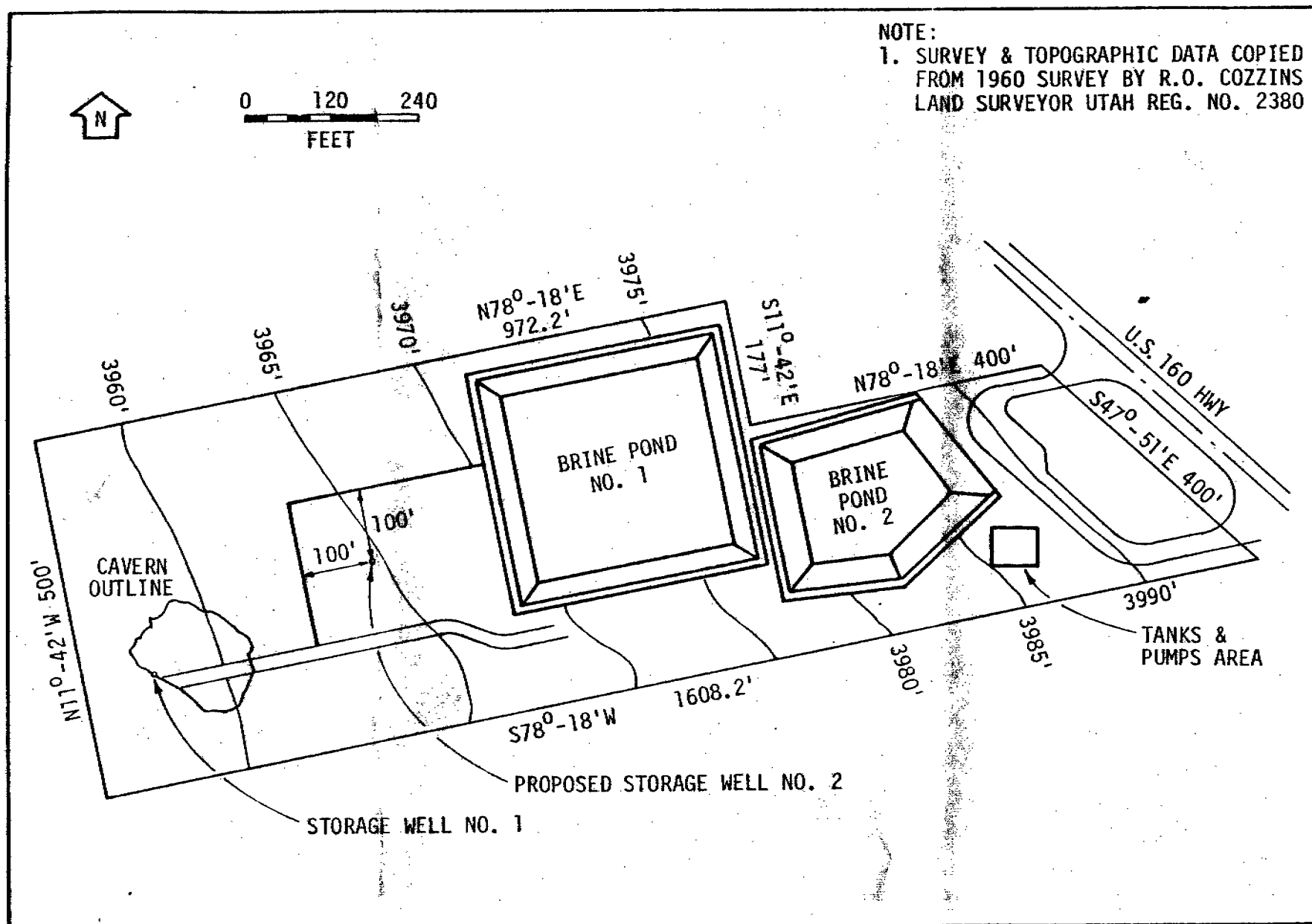


Figure 1. Moab Utah Storage

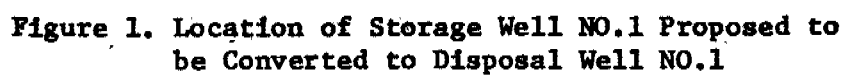


Figure 1. Location of Storage Well NO.1 Proposed to be Converted to Disposal Well NO.1

$$8\frac{5}{8} = 1400$$

$$13\frac{3}{4} = 620$$

per 800'

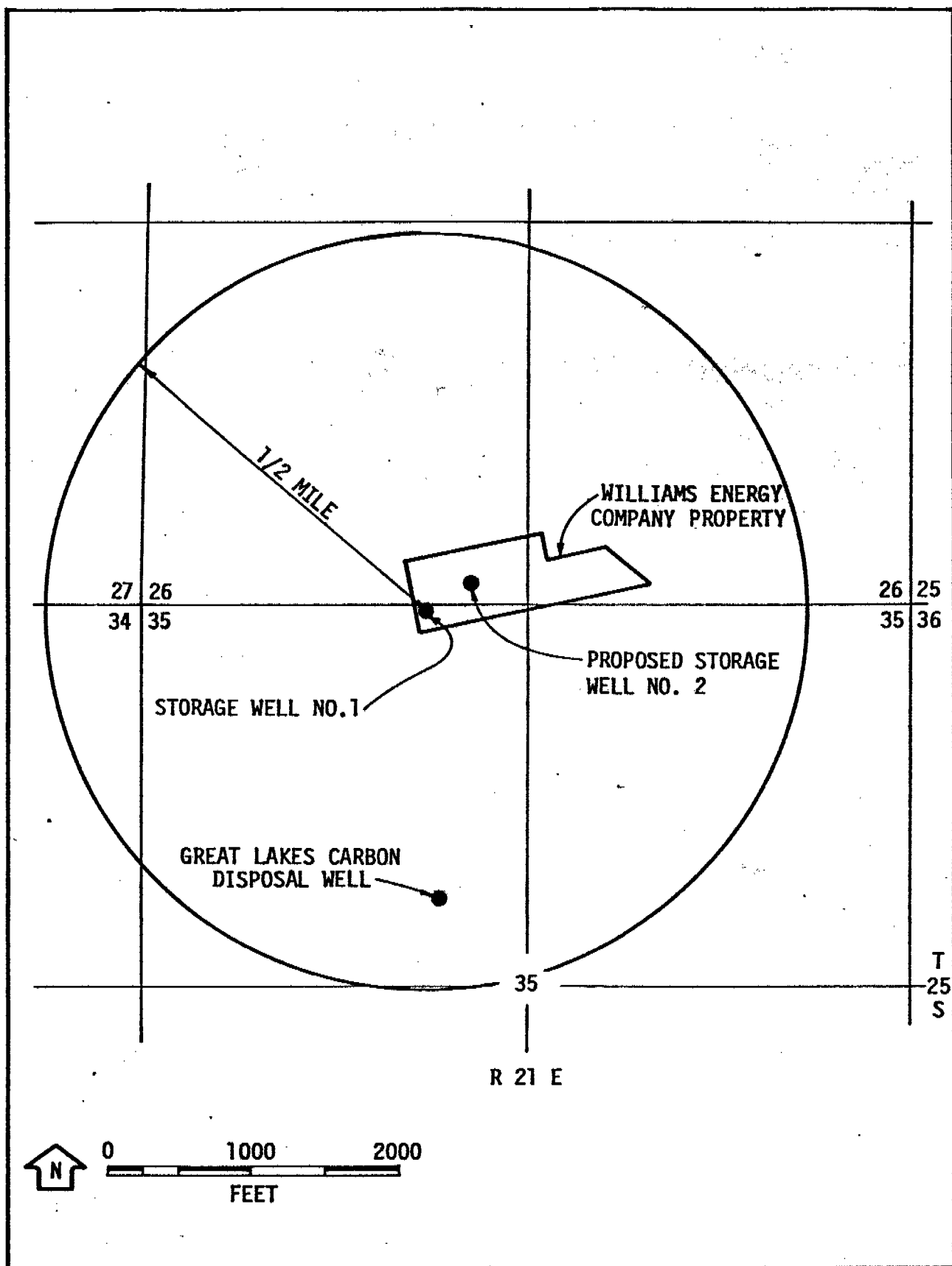
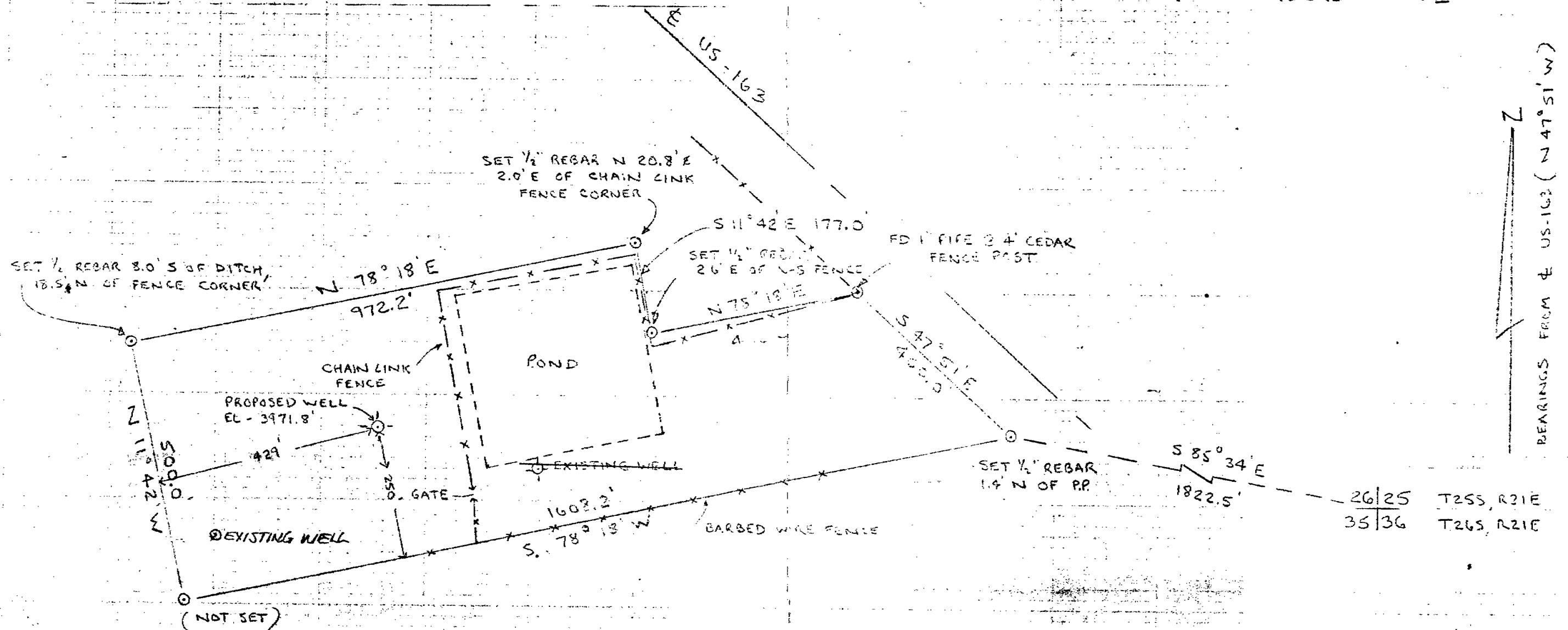


Figure 1. Location of Storage Well NO.1 Proposed to be Converted to Disposal Well NO.1

PLAT OF SURVEY OF WILLIAMS
ENERGY TRACT IN SECT. 26 & 35,
T25S, R21E, S.4.B. & M.

AS DESCRIBED IN BOOK 3-L, PAGE 272
AT THE GRAND COUNTY RECORDERS OFFICE



SCALE - 1" = 200'

JULY 27, 1979

FOR WILLIAMS ENERGY

TRANSIT & EDM SURVEY
ELEV. BY VER. ANGLES FROM
MOAB CITY CONTROL

John E. Keogh
UTAH R.L.S. No. 1963

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: July 16, 1979
Operator: Buckeye Gas Products Company
Well No: Buckeye Gas Pro. #2
Location: Sec. 26 T. 25S R. 21E County: Grand
File Prepared: ☒ Entered on N.I.D.: ☒
Card Indexed: ☒ Completion Sheet: ☒
API Number: 43-019-30534

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M. J. Minder 8-10-79
Check for bond & Plat

Remarks:

Director: J

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☐ Letter Written/Approved



BUCKEYE GAS PRODUCTS COMPANY
P. O. Box 3478
Tulsa, OK 74101
(Formerly Williams Energy Company)

99-588 2000

July 13, 1979
DWS:125:79

Oil, Gas & Mining Division
Department of Natural Resources
1588 West North Temple
Salt Lake City, UT 84116

ATTN: Mr. Fite

Dear Mr. Fite:

Attached are three copies of our application to drill for a salt solution well at Moab, Utah. Our insurance company, Alexander & Alexander are processing the bond which will be forwarded to you at the earliest possible moment.

Very truly yours,

Dr. W. Shaeffer
Manager, Underground Storage

DWS:tlw

cc: Mr. Keller Henderson
Fenix & Scisson, Inc.

Well file
F&S Storage #2
Sec 26, 25S, 21E Grand Co.

FENIX & SCISSON, INC.

5805 EAST FIFTEENTH STREET

TULSA, OKLAHOMA

PLEASE REPLY TO:
P. O. Box 15609
TULSA, OKLAHOMA 74112



July 13, 1979

PHONE (918) 835-9471
TWX NO. (910) 845-2108
CABLE ADDRESS: FENSON TULSA

Mr. Cleon B. Feight
Director Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Sir:

You may recall Mr. Tom Young and myself discussing with you the morning of May 24th that Williams Energy Company had retained Fenix & Scisson of Tulsa, Oklahoma to construct a new storage cavern on Williams Energy's property at Moab, Utah. An application to drill the well should be on your desk the week of July 16th.

It will be necessary to have a disposal well to handle the waste brine. It is planned to convert the present storage well #1 to a disposal well. Attached to this letter is a plat (figure 1) showing the relative locations of Storage Wells #1 and #2. Also, the relative location of the Great Lake Carbon Co's well which has been utilized as a disposal well a couple of times in the past. Figure 2, attached, shows the present construction of Storage Well #1.

It is planned to utilize the lost circulation zone at 800 feet as the disposal zone in Storage Well #1. This is the same formation (Paradox) that has been utilized as a disposal zone in the Great Lakes Carbon well. Records indicate that during 1961 this well accepted brine at 400 gpm with 35 psi surface pressure.

Logs will be run in Storage Well #1 to identify the formations. In addition the selected formation will have to be segregated by cement and bridge plugs. It should be pointed out that potable water is adequately protected with the present construction.

Below are brief preliminary answers to the various points presented in "Rule C-11-Procedure for Underground Disposal of Water" that have not already been covered.

At this time it is believed that there are no lesses in the area. However, this will be double checked before the proper forms are filled out and presented to your Division.

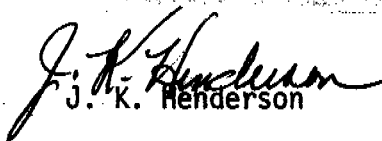
The source of the disposed brine will be the waste utilized in solutioning Storage Well #2. The daily amount of brine circulated and disposed of will be approximately 10,000 bbls. for a total of approximately 1,400,000 bbls. during the cavity solutioning period.

Would you please send us the forms to start the necessary procedures so we can convert Storage Well #1 to a Disposal Well.

Should you have any questions regarding this matter please contact me or Mr. Young of this office.

Anything you can do to expedite the required procedure will be greatly appreciated.

Thanking you in advance


J. K. Henderson

cc: Mr. D. W. Shaffer
Vice President
Williams Energy Co.

Mr. Tom Young
Fenix & Scisson, Inc.

Log Analysis

Schlumberger

COMPANY

FIELD

FENIX & SCISSON Inc

COUNTY

WELL

STATE

Storage Well 2

DEPTH		$\Delta\rho$	ΔT	ϕ_N						% POROSITY	% WATER	REMARKS
960-968		2.52	65	-								
968-76		2.43	63	-								limy SD
976-88		2.9	54	0								" "
988-1004		1.85	70	>30								ANHYDRITE
1006-26		1.85	70	Ave 18								SYLVITE
1026-32		2.32	70	>30								"
1032-49		2.7	55	1								?
1049-1544		2.05	67	-2.2								ANHYDRITE
												HALITE
1544-48		2.75	57	10								
1548-54	Ave	2.5	67	14								limy Selenite
1554-58		2.7	57	9								
1558-76		2.5	65	13								

All interpretations are opinions based on inferences from electrical and other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

DATE _____

LOCATION

ENGINEER

ER WALLA



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

August 10, 1979

Buckeye Gas Products Company
PO Box 3478
Tulsa, OK 74101

Re: Buckeye Gas Pro. #2
Sec. 26, T. 25S. R. 21E.
Grand County

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted. However, said approval shall be conditional upon a sureyor's plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30534.

Your program to drill is acceptable, however, would you please inform this Division of the present status of the prior storage cavern and your Program for plugging and abandonment of that well.

Buckeye Gas Products
August 10, 1979
Page Two

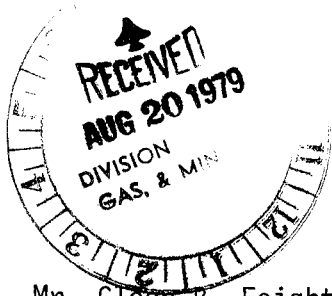
Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script, appearing to read "M.T. Minder".

MICHAEL T. MINDER
GEOLOGICAL ENGINEER

MTM/tlh



FENIX & SCISSON, INC.

1401 SOUTH BOULDER
TULSA, OKLAHOMA 74119

August 17, 1979

918/560-5000
TWX 910-845-2108

Mr. Cleon B. Feight
Director Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

This letter will confirm our telephone conversation of this morning, August 17, 1979. We, Fenix & Scisson, Inc., are engineering the construction of new LPG storage well for Buckeye Gas Products Company (Williams Energy Company) on their Moab, Utah property.

The new well is to be completed in the Paradox Salt Formation. The cavity will be washed at a rate of approximately 10,000 barrels per day for a total of 1.8 million barrels in approximately 6 months. Buckeye seeks permission from the State of Utah's Division of Oil, Gas and Mining to dispose of this brine by converting old Storage Well #1 into a disposal well. Figure 1 attached shows the relative location of old Storage Well #1 and the new proposed Storage Well #2.

While drilling Storage Well #1 lost circulation was experienced at 800 feet. This is geologically the same depth as the disposal zone, utilized when developing the cavity of Storage Well #1, in the Great Lakes Carbon well approximately 2,000 feet south of Storage Well #1. Records indicate that during 1961 the Great Lakes Carbon well accepted brine at 400 gpm with 35 psi surface pressure. This well had perforations at 858-874 and 886-896 feet. (See figure 1) It is planned to use this same zone in Storage Well #1 as the disposal zone.

Logs will be run in Storage Well #1 to identify the formations and injection tests made to test the zone's acceptability of brine. In addition the selected formation will be segregated by cement and bridge plugs. It should be pointed out that potable water has been adequately protected with the present construction. Figure 2, attached, shows the present construction of Storage Well #1. Figure 3 shows how the well will be converted so it can safely be utilized as a disposal well.

Respectfully submitted

J. K. Henderson
J. K. Henderson

JHK:kp

cc: A. Smith
D. Jussaume
D. Shaffer

Well File



BUCKEYE GAS PRODUCTS COMPANY
P. O. Box 3478
Tulsa, OK 74101
(formerly Williams Energy Company)

August 17, 1979
DWS:134:79

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, UT 84116

ATTN: Michael T. Minder
Geological Engineer

Dear Mr. Minder:

Attached is a copy of the plat by registered Surveyor showing the location of our proposed Buckeye Gas Products No. 2 Well as requested.

Sincerely,

A handwritten signature in cursive script, appearing to read 'D. W. Shaeffer'.

D. W. Shaeffer
Manager, Underground Storage

DWS:tlw

Enclosure

FENIX & SCISSON, INC.

1401 SOUTH BOULDER
TULSA, OKLAHOMA 74119

December 13, 1979

918/560-5000
TWX 910-845-2108

Mr. Cleon B. Feight
Director Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Subject: Buckeye Gas Products
Brine Disposal

Dear Mr. Feight:

Your office approved the drilling of Buckeye Gas Storage Well No. 2 (API 43-019-30534) by letter dated August 10, 1979, from Mr. Minder. To construct the cavern, we plan to dispose of brine into the Williams Energy (now Buckeye Gas Products) Storage Well No. 1.

In order to make the most competent and efficient disposal into Storage Well No. 1, we propose to inject into the lost circulation zone at approximately 800 feet through perforations. A well schematic is attached.

Storage Well No. 1 has an 18-inch conductor pipe set at 148 feet, 13 3/8-inch surface casing set at 620 feet, and 8 5/8-inch product casing set at 1,400 feet on the original completion. a 7-inch inner casing string was set last year at 1510 feet but is not part of disposal security.

Previously, our office had advised a bridge plug would be set in the 7-inch below the perforated interval. I called your office Friday for permission to delete the bridge plug for the following reasons:

- (1) If set would not contribute to disposal security.
- (2) If set would cause difficulty in construction of Cavern No. 2 as brine from Cavern No. 2 could be injected directly into Well No. 1 if no bridge plug is set. However, if the plug is set, the brine would have to be put into a surface pond and then pumped to disposal. The brine produced from construction of Cavern No. 2 will contain solids and would pile up on top of a bridge plug and cover the perforations if not run through a pond. The brine would then have to be disposed of and as they would be in a pond, it would cause surface pollution.

RECEIVED

DEC 17 1979

DIVISION OF
OIL, GAS & MINING

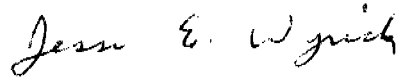
Mr. Cleon B. Feight
December 13, 1979
Page Two

If no bridge plug is set, the brine can be injected directly from Well No. 2 as the solids would fall into the cavern.

By having the cavern open, we can dispose of our solids, salt, mud, etc., so as not to cause surface pollution.

Please advise any questions. Please call collect - Area code 918/560-5012.

Yours very truly,



Jesse E. Wyrick

JEW:vj

Attachment

cc: D. W. Shaeffer
Manager, Underground Storage
Buckeye Gas Products
P. O. Box 3478
Tulsa, Oklahoma

March 6, 1980

Buckeye Gas Products Co.
P.O. Box 3475
Garden, Oklahoma 74101

Re: Well No. Buckeye #2
Sec. 26, T. 23S, R. 21E.
Grand County, Utah

Gentlemen:

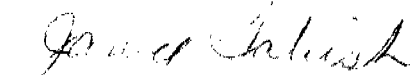
In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify us as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH
CLERK TYPIST

DWS:8:80
March 14, 1980

Ms. Janice Tabish
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: Well No. Buckeye #2
Sec. 26, T. 23S, R. 21E.
Grand County, Utah

Dear Ms. Tabish:

We have completed the well and are leaching the salt. On or about April 15, we shall Sonar and Pressure test the well. Please send forms for our completion.

Very truly yours,

D. W. Shaeffer
Manager, LPG
Storage Facilities

DWS:1kc

RECEIVED

MAR 20 1980

DIVISION OF
OIL, GAS & MINING

FENIX & SCISSON, INC.

1401 SOUTH BOULDER
TULSA, OKLAHOMA 74119

ALAN R. SMITH
VICE PRESIDENT
SOLUTION MINING

918/560-5000
TWX 910-845-2108

May 14, 1980

RECEIVED
MAY 16 1980

DIVISION OF
OIL, GAS & MINING

43 OFF-
305-1

State of Utah
Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

I am enclosing herewith completed duplicate copies of your
Well Completion or Recompletion Report and Log.

In addition, for your information and files, I am sending the
following:

Dowell Sonar Caliper Report
Schlumberger Borehole Compensated Sonic Log
Schlumberger Cement Bond Log
Schlumberger Compensated Neutron-Formation
Density Log

✓ All of this data is for Buckeye Gas Products Company Storage
Well #2, Moab UGS Terminal, Grand County, Utah.

Very truly yours,



Alan R. Smith

ARS:sn
Enclosures
cc: 367 File
J. Wyrick

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Gas Storage Well

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

BUCKEYE GAS PROD. Colorado Well-Service

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26 T. 25S. R. 21E.

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

43-019-30534

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUDDED

10-18-79

16. DATE T.D. REACHED

12-14-79

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

NA

19. ELEV. CASINGHEAD

NA

20. TOTAL DEPTH, MD & TVD

157'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-T.D.

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDLSonic LogCBL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
24"	94.62	97' Gr	30"	340 SX. 65/35 POZ & 100 SX	Class B
20"	94	316' Gr	26"	565 SX. 65/35 POZ & 125 SX	Neat
13 3/8"	54.5	953' Gr	17 1/2"	360 SX. 65/35 POZ & 500 SX	Neat
9 5/8"	36	1147' Gr	12 1/4"	150 SX. 65/35 POZ & 250 SX	Class B

29. 7"

23

LINER RECORD

1 3/4" Hanger12 1/4" Hung in Hole30" Hung in Hole

TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	GRABER SET (MD)	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	1146	1124	1124	1124	12 1/4"		

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.

SIGNED

Curtis F. McAnis

TITLE

GeologistDIVISION OF
OIL, GAS & MINING
DATE 5-12-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED
MAY 16 1980

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	1034 RKB	1149 RKB		T/Caprock (Anhydrite)	1034 RKB	NA
Salt	1149 RKB	1544 RKB		B/Caprock	1149 RKB	NA
				T/Salt	1149 RKB	NA
				B/Salt	1544 RKB	NA

Ferrellgas, Inc.

One Liberty
Liberty Missouri

Telephone: 816-792-1000

072910

June 29, 1987

RECEIVED
JUL 13 1987

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
Salt Lake City, UT 84116

DIVISION OF
OIL, GAS & MINING

Re: Bond No. 400 GV 7006
Ferrell, L.P. (Formerly
Buckeye Gas Products Company)

Dear Sirs:

Attached is a new bond issued by St. Paul Fire & Marine Insurance Company issued effective June 12, 1987, in the amount of \$5,000. This bond is a replacement of Bond No. 932-16-96-93 issued by American Casualty Company.

If you have any questions regarding this bond, please let me know.

Yours very truly,
Risk Management Department

O. A. Adelman, Jr.
O. A. Adelman, Jr.
Insurance Supervisor

OA/njp
Attach.

7/17/87

*Change of
Operator name?*

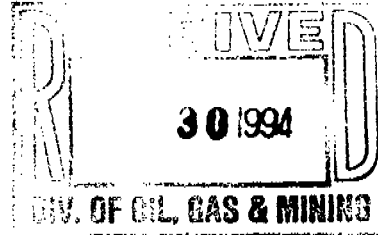
*T. 25S R. 21E S-26
Grand Co.*

11-11-87

4.



June 23, 1994



UTAH, STATE OF
NATURAL RESOURCES - OIL, GAS & MINING
355 W. NORTH TEMPLE
3 TRIAD CENTER
SUITE 350
SALT LAKE CITY, UT 84180-1203

RE: Bonds

To whom it may concern:

We are changing our name from Ferrellgas, Inc. to Ferrellgas, L.P.

Attached is a rider for bond # U1665530 issued by the United Pacific Insurance Company in the amount of \$5,000.00 .
The bond type is "OIL, BLANKET BOND".

The effective dates of this bond are 7/12/93 to 7/12/94.

Please contact me at the address below if:

1. Your address is incorrect.
2. The bond may be cancelled.
3. The bond may be reduced.
4. The bond is incorrect.
5. There is anything else we need to do to effect this change of as far as you are concerned.

I can be reached at: Ferrellgas, L.P.
One Liberty Plaza
Brenda Davis, Mail Drop # 5
Liberty, MO 64068

Phone: (816)-792-7402
Fax: (816)-792-7985

Sincerely,

Brenda C. Davis
Regulatory Compliance Assistant

Enclosures

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	LC 7-PL	✓
2	LWP 8-SJ	✓
3	DT 9-FILE	✓
4	VLC	✓
5	RJE	✓
6	LWP	✓

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-12-93)

TO (new operator) FERRELLGAS, L.P.
 (address) ONE LIBERTY PLAZA
LIBERTY, MO 64068

FROM (former operator) FERRELL GAS INC
 (address) ONE LIBERTY PLAZA
LIBERTY, MO 64068

phone (816) 792-1600
 account no. N 0215 (6-30-94)

phone (816) 792-1600
 account no. N 9295

Well(s) (attach additional page if needed):

Name: <u>BUCKEYE #2/SLTW</u>	API: <u>43-019-30534</u>	Entity: <u>99992</u>	Sec <u>26</u> Twp <u>25S</u> Rng <u>21E</u>	Lease Type: <u>FEE</u>
Name: <u>(GSW)</u>	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Ref 6-30-94)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: # 030151 (Ref 6/94)
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-30-94)
- Sup 6. Cardex file has been updated for each well listed above. 7-11-94
- Sup 7. Well file labels have been updated for each well listed above. 7-11-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (6-30-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *(Rec'd Bond Rider "Non. Chg" 6-30-94)*
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon compl. of routing.*
- lec 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date June 30, 1994. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *BS 7/24/94*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: July 21 1994.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

NAME CHANGE RIDER

This endorsement forms a part of Oil/Gas Bond
_____ Bond Number U1665530 on
behalf of Ferrellgas, Inc. effective
July 12, 1993, in the amount of _____
Five Thousand and no/100***** Dollars (\$5,000.00****)
in favor of the State of Utah.

It is hereby understood and agreed that the name of the
Principal is changed:

FROM: Ferrellgas, Inc.

TO: Ferrellgas, L.P.

Effective the 30th day of June, 19 94.

SIGNED, SEALED, AND DATED THIS 30th DAY OF June
19 94.

Ferrellgas, L.P.

Principal

By: Rhonda Smiley

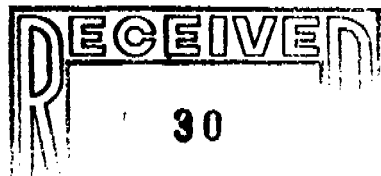
Rhonda Smiley / Assistant Secretary

United Pacific Insurance Company

Surety

BY: Katherine D. Corder

Katherine D. Corder, Attorney-in-Fact



UNITED PACIFIC INSURANCE COMPANY

HEAD OFFICE, PHILADELPHIA, PENNSYLVANIA

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the UNITED PACIFIC INSURANCE COMPANY, a corporation duly organized under the laws of the State of Pennsylvania, does hereby make, constitute and appoint Katherine D. Corder, individually, of Raymore, Missouri, its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings of suretyship and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

This Power of Attorney is granted under and by authority of Article VII of the By-Laws of UNITED PACIFIC INSURANCE COMPANY which became effective September 7, 1978, which provisions are now in full force and effect, reading as follows:

ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKING

1. The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorney(s)-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney(s)-in-Fact at any time and revoke the power and authority given to them.

2. Attorney(s)-in-Fact shall have power and authority, subject to the terms and limitations of the Power of Attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

3. Attorney(s)-in-Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to copies of the By-Laws of the Company or any article or section thereof.

This Power of Attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of UNITED PACIFIC INSURANCE COMPANY at a meeting held on the 5th day of June, 1979, at which a quorum was present, and said Resolution has not been amended or repealed:

"Resolved that the signatures of such directors and officers and the seal of the Company may be affixed to any such Power of Attorney or any certificates relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such Power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company, in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed, this 2 day of December, 1993

UNITED PACIFIC INSURANCE COMPANY



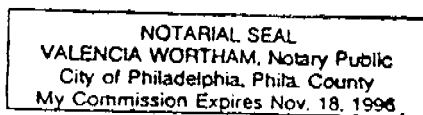
Charles B. Schmalz

Vice President

STATE OF Pennsylvania
COUNTY OF Philadelphia

} ss.

On this 2 day of December, 1993 personally appeared Charles B. Schmalz to me known to be the Vice President of the UNITED PACIFIC INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto, and that Article VII, Section 1, 2, and 3 of the By-Laws of said Company, and the Resolution, set forth therein, are still in full force.



Valencia Wortham

Notary Public in and for State of Pennsylvania
Residing at Philadelphia

I, Anita Zippert, Secretary of the UNITED PACIFIC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said UNITED PACIFIC INSURANCE COMPANY, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this day of JUN 3 1994 19

Anita Zippert

Secretary



MEMORANDUM

October 10, 1997

Subject: Ferrellgas LP Gas Storage Facility, Near Moab Utah

This facility has been a subject of debate since inception as to which agencies have regulatory responsibility over it. Historically the Department of Public Health-Water Pollution Control Board, State Engineer, and Oil and Gas Conservation Commission or their successor agencies have all exercised some authority over it.

Approvals:

The underground disposal of brines associated with this facility have previously been approved by the Oil and Gas Conservation Commission (OGCC), Water Pollution Control Board (WPCB) and possibly the State Engineer. The OGCC and later DOGM/BOGM have approved applications to drill, storage pits, and injection activities. Since those approvals were issued the Department of Environmental Quality was established including the Division of Water Quality (DWQ) and Water Quality Board. The OGCC has evolved into the Division and Board of Oil, Gas and Mining, and the Oil and Gas Conservation Act was completely rewritten and enacted. Also, many other laws and regulations have been implemented such as UIC and state groundwater quality protection regulations.

Current Regulation:

The current Oil and Gas Conservation and Unitization Statute clearly gives the Board authority to regulate underground storage of gas or products and to prevent waste, which I think can be interpreted to include natural gas liquids and facilities such as the Ferrellgas facility. The emphasis here is on preventing the waste of gas, of course the concern about preventing interformational flow and pollution is applicable as with any well regulated under this statute. This well does not meet the definition of a Class II injection well because the hydrocarbons being injected are not liquid at standard temperature and pressure and thus does not fall under jurisdiction of our UIC program. Any wastes generated by the facility would not be considered E&P Wastes and thus would not enjoy the RCRA exemption.

Recommendation:

My interpretation is that this facility remains, as it was in 1960, under dual state

agency jurisdiction. DOGM should permit the drilling and completion, plugging and gas conservation activities at the facility. Division of Water Quality should permit the injection activities that fall under their program and permitting of any holding ponds or discharges. No formal written agreement between agencies has been found although a memorandum to the OGCC date March 2, 1960, references an agreement (verbal?) that the OGCC would accept primary responsibility for the project. I don't believe a formal agreement is necessary at this time. The possible overlap for regulation of activities associated with the well should not be a problem since both agencies/programs are working toward basically the same ends. DOGM holds a plugging bond for the well and should coordinate with DWQ on recommendations relative to plugging and or well repair. Each agency should contact the other when any enforcement actions are being considered for the facility.

Reference Documents:

Memorandum to Oil and Gas Conservation Commission from Executive Secretary, Cleon B. Feight, March 2, 1960.

Letter to Suburban Gas Service, Inc. from Utah Water Pollution Control Board, Executive Secretary, Lynn M. Thatcher, March 30, 1960.

Board of Oil and Gas Conservation, Order, Cause No. 147-1, dated April 25th, 1973.

DOGM well files including various documents.

Utah Code 40-6, Admin. Code R649-1 et seq

Gil Hunt
10/10/97

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/31/2005

FROM: (Old Operator):

N0215-Ferrellgas, LP
 One Liberty Plaza
 Liberty, MO 64068
 Phone: 1 (816) 792-1600

TO: (New Operator):

N3100-Enterprise Products Operating, LP
 PO Box 4324
 Houston, TX 77210-4324
 Phone: 1 (713) 803-8393

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BUCKEYE 2	26	250S	210E	4301930534	99990	Fee	GS	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/26/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/7/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/18/2005
- Is the new operator registered in the State of Utah: YES Business Number: 5092968-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: n/a
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/16/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/16/2006
- Bond information entered in RBDMS on: 8/16/2006
- Fee/State wells attached to bond in RBDMS on: 8/16/2006
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 22018499
- a. The **FORMER** operator has requested a release of liability from their bond on: 6/26/2006
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>LPG STORAGE</u> <u>UC PERMIT NUMBER UTU-500007</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: <u>ENTERPRISE PRODUCTS OPERATING L.P. N3100</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>PO BOX 4324</u> CITY <u>HOUSTON</u> STATE <u>TX</u> ZIP <u>77210-4324</u> PHONE NUMBER: <u>713-803-8393</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN <u>SE 26 T 25S R 21E</u>		8. WELL NAME and NUMBER: <u>BUCKEYE No. 2</u>
		9. API NUMBER: <u>43-019-30534</u>
		10. FIELD AND POOL, OR WILDCAT: <u>MOAB</u>
		COUNTY: <u>GRAND</u>
		STATE: <u>UTAH</u>

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FOR CHANGE OF OPERATOR

NAME (PLEASE PRINT) <u>MARK CARTWRIGHT</u>	TITLE <u>MANAGER, CAVERN SERVICES</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/07/06</u>

(This space for State use only)

APPROVED 8/16/2006

Earlene Russell

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 07 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>underground propane storage</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: <u>Ferrellgas, L.P.</u> <u>N0215</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>One Liberty Plaza</u> CITY <u>Liberty</u> STATE <u>MO</u> ZIP <u>64068</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: <u>Buckeye #2</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>26 25S 21E</u>		9. API NUMBER: <u>4301930534</u>
COUNTY: <u>Grand</u>		10. FIELD AND POOL, OR WILDCAT:
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Underground propane storage facility sold to Enterprise Products Operating, L.P. effective July 31, 2005.

NAME (PLEASE PRINT) <u>Bob Kaveler</u>	TITLE <u>Operating Tax Manager</u>
SIGNATURE <u>Bob Kaveler for Ferrellgas, L.P.</u>	DATE <u>June 23, 2006</u>

(This space for State use only)

APPROVED 8/16/2006
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
JUN 26 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Salt Cavern Storage Well</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>Fee</u>
2. NAME OF OPERATOR: <u>Enterprise Products Operating LP</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>NA</u>
3. ADDRESS OF OPERATOR: <u>1431 North Hwy 191</u> CITY <u>Moab</u> STATE <u>UT</u> ZIP <u>84532</u>		7. UNIT or CA AGREEMENT NAME: <u>NA</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <u>Grand</u>		8. WELL NAME and NUMBER: <u>Buckeye No. 2</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>26 25S 21E</u>		9. API NUMBER: <u>4301930534</u>
STATE: <u>UTAH</u>		10. FIELD AND POOL, OR WILDCAT: <u>Undesignated</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>10/10/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached program for plugging and abandonment of Buckeye No. 2 Storage Well for Enterprise Products in Moab. Work to begin on or about October 10, 2007. A plugging report will be issued after completion.

Please forward approval notice to attention of:

Wally Swartz
PB Energy Storage Services, Inc.
11757 Katy Freeway, Suite 600
Houston, Texas 77079

RECEIVED

SEP 20 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Wally Swartz - Project Manager, 281-589-5810 TITLE Agent for Enterprise Products Operating, LP
SIGNATURE Wally Swartz DATE 9/18/2007

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10/26/07
BY: [Signature]

COPY SENT TO OPERATOR
Date: 10-30-07
Initials: PM

**SPECIFICATION****50653J****ENTERPRISE PRODUCTS
MOAB CAVERN NO. 2
PLUGGING AND ABANDONMENT PLAN**

Date 10/17/06

Page 1 of 2

1.0 INTRODUCTION

Enterprise Products is planning to plug and abandon Cavern Well No. 2 at their propane storage facility in Moab, Utah. Well No. 2 was removed from propane storage service in April 2006. The well was worked over and a mechanical integrity test was attempted on the cavern/well system. The test was unsuccessful and the decision was made to proceed with abandonment. Plugging and abandonment will be performed according to Part III Section J. of the Ferrellgas Class V Underground Injection Control Permit, "Plugging and Abandonment of Buckeye Gas Injection Well #2 and Storage Cavern".

2.0 PREPARATION

- 2.1 Surface Piping – All brine and product piping will be purged, disconnected, and removed or capped and abandoned.
- 2.2 Product Removal – The cavern has already been emptied of all hydrocarbon product; the well bore was purged with nitrogen gas.
- 2.3 Tubing string – The 7" tubing string will be removed and recovered.
- 2.4 The cavern will be filled with saturated brine.
- 2.5 The casing, borehole, and cavern were extensively logged during the workover and the MIT performed in April and May of 2006. These logs included a cavern sonar, casing inspection log, and gamma-gamma density logs during the MIT. A Cement Bond log will be run on the 9-5/8" production casing to determine the cement bond quality behind the casing. Additional logging will only be performed as necessary to set plugs and cement.
- 2.6 If it is determined that there is free pipe in the well, this casing will be cut and pulled after setting a bridge plug near the bottom of the casing, but before cementing operations take place.
- 2.7 The MIT performed on the well bore and cavern indicated that the 9-5/8" cemented casing and the cavern borehole demonstrated good mechanical integrity as there was no indication of leaks of nitrogen gas that had been injected in this area. The well was monitored for 25 days after injection.

3.0 PROCEDURE

- 3.1 A cast iron bridge plug will be set in the bottom joint of 9-5/8" production casing above the casing shoe. Ensure the 9-5/8" is full of brine and pressure with brine to 250 psi for 30 minutes to verify that bridge plug has sealed.
- 3.2 All brine displaced during cementing and any recovered brine will be contained and transferred to the brine pond. Prior to cementing, the well will be checked to ensure that all fluid levels are static.
- 3.3 Using neat API Class B or ANSI Type II cement, an initial plug will be set above the bridge plug from approximately 1130' to 600'. A cementing string, will be used to pump the cement into the 9-5/8" casing above the bridge plug. The casing will be filled with cement to the surface by slowly pumping cement and raising the working string while displacing brine. The cement volume will be monitored to verify the absence of appreciable voids.

PREPARED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	REVISION	DATE
W. Swartz	06/28/06	T. Moran	06/29/06	T. Moran	06/29/06	5	07/06/07

**SPECIFICATION****50653J****ENTERPRISE PRODUCTS
MOAB CAVERN NO. 2
PLUGGING AND ABANDONMENT PLAN**

Date 10/17/06

Page 2 of 2

- 3.4 Cementing will be accomplished in two approximate 600 foot stages, allowing the cementing string to be moved above the cement after each stage. The cement level will be monitored at the end of the operation to verify the final level. If necessary, cement will be added to the top of the well to bring the final level to within 10 feet of the surface. After cementing, the cement will be allowed to cure for 24 hours.
- 3.5 After curing, the location of the cement plug will be verified to ensure that the cement level did not fall. Pressure with water or brine to 300 psi for 30 minutes to verify that plug has sealed.
- 3.6 Following the curing of cement, the product casing will be cut down to the surface and a steel pipe cap will be welded over the end of the casing. The cap will be left above grade and will serve as a marker for the well location.
- 3.8 A licensed professional surveyor will prepare a map showing the coordinates and elevation of the cap on the well location. A copy of the map will be provided to the Utah DEQ, Division of Water Quality.

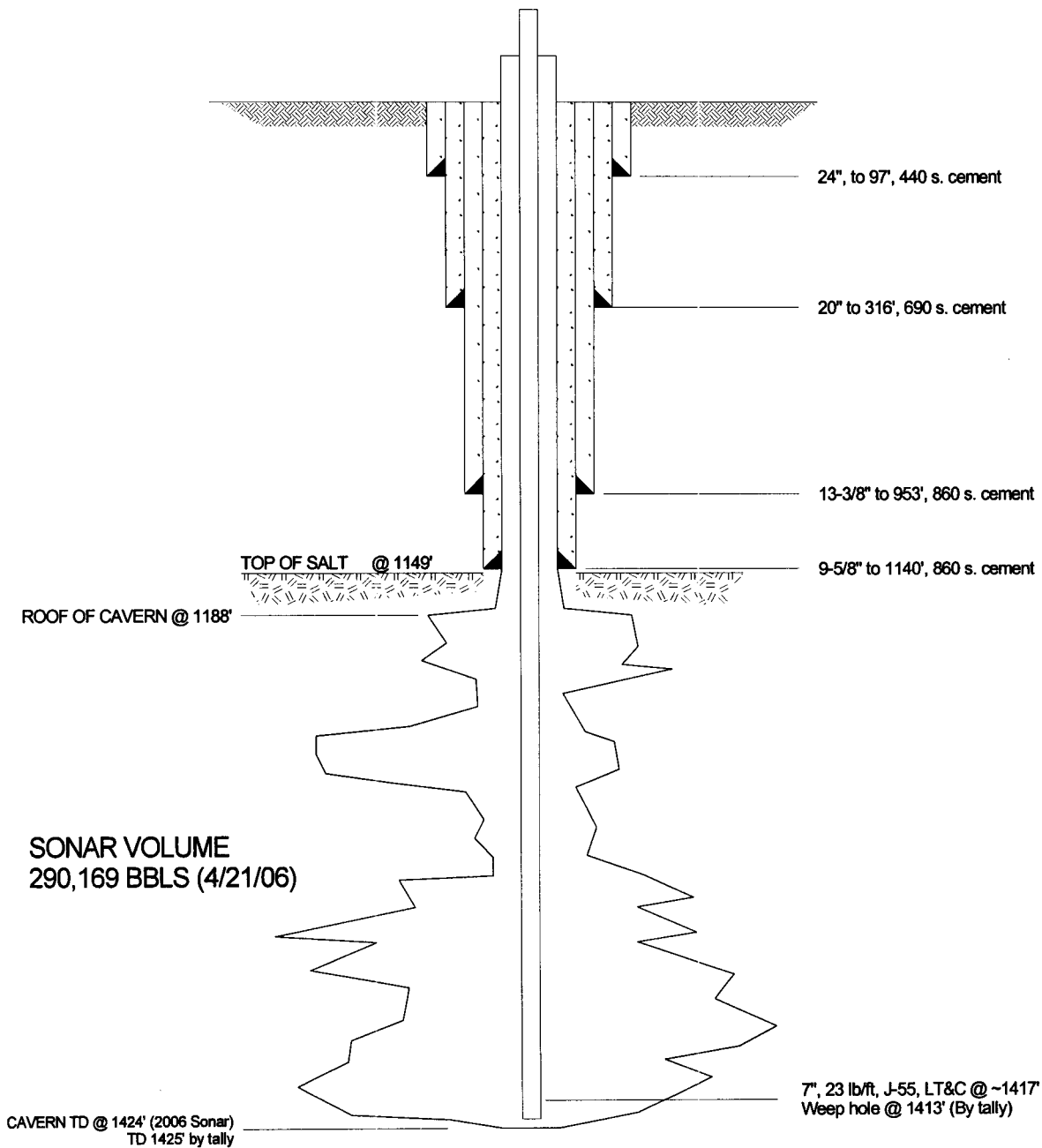
4.0 REPORTING

- 4.1 As required by the Underground Injection Control Permit, a plugging and abandonment report will be completed and submitted to the DEQ within 60 days after completion of plugging activities.

5.0 DRAWINGS

- 5.1 50653I-001 – Existing Well No. 2 Well Schematic
- 5.2 50653I-004 – Existing Well No. 2 Wellhead Schematic
- 5.3 50653I-002 – Proposed Well No. 2 Plugging Plan
- 5.4 50653-005 – Proposed Plugged Well Site

PREPARED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	REVISION	DATE
W. Swartz	06/28/06	T. Moran	06/29/06	T. Moran	06/29/06	5	07/06/07



DWG. NOTES:

1. ALL DEPTHS MEASURED FROM BHF.
2. REFERENCE DATA FROM ENTERPRISE RECORDS AND PB ESS 2006 WORKOVER REPORT.

PB ENERGY STORAGE SERVICES, INC.
Engineering Construction Operations
11757 KATY FREEWAY #600
HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS OPERATING LP
MOAB, UTAH

STORAGE WELL NO. 2
WELL SCHEMATIC

JOB No.
50653I

DRAWING No.
50653I-WO-001

DESIGN:

WJS

DRAWN:

CHECKED:

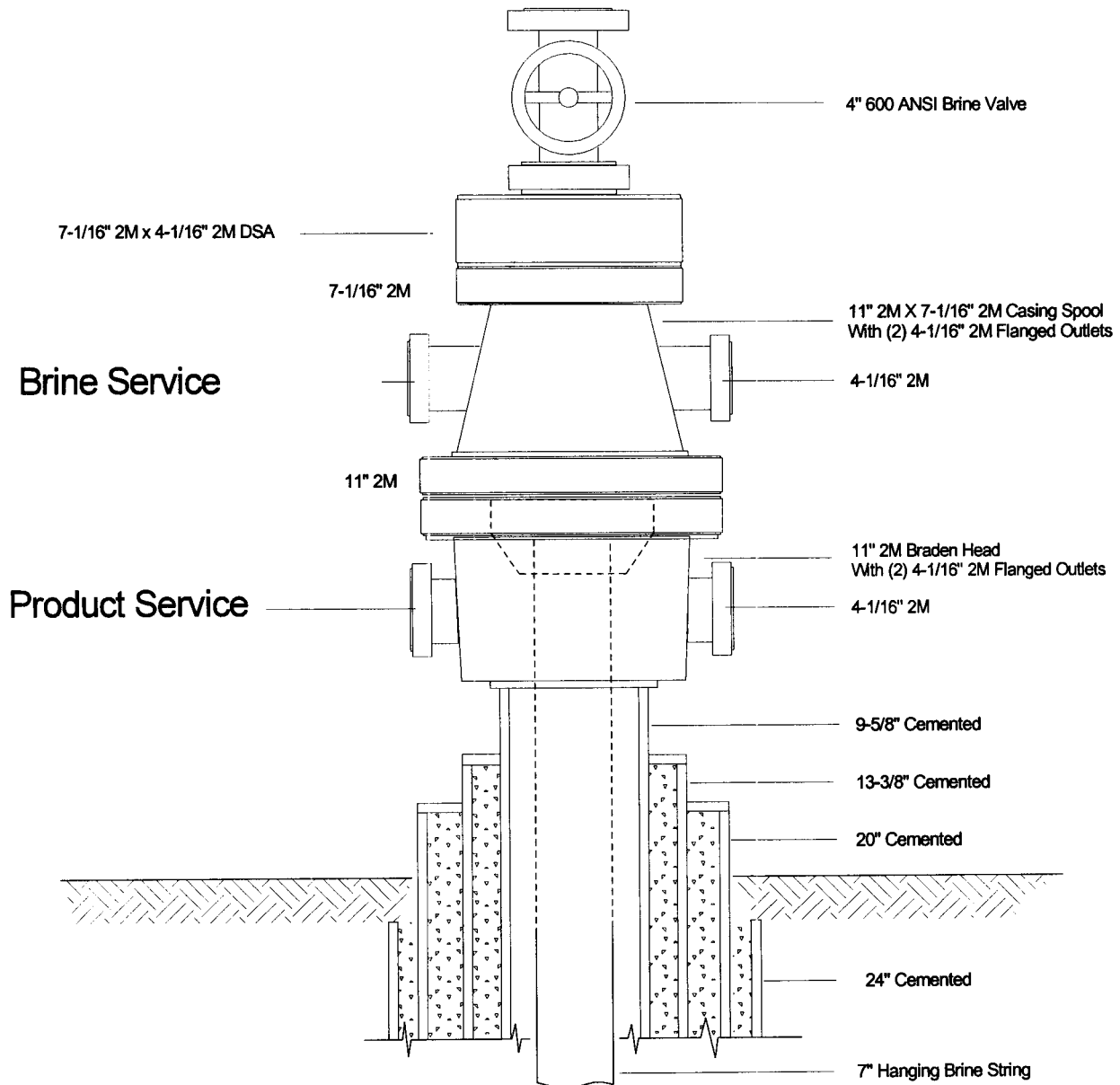
DATE:

04/06

SCALE:

NONE

STORAGE WELL NO. 2



DWG. NOTES:

1. REFERENCE ENTERPRISE WELL RECORDS AND PB ESS WORKOVER REPORT.

PB ENERGY STORAGE SERVICES, INC.
Engineering Construction Operations
11757 KATY FREEWAY #600
HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS
MOAB, UTAH

MOAB STORAGE WELL NO. 2
EXISTING WELLHEAD SCHEMATIC

JOB No.

50653I

DRAWING No.

50653I-WO-004-A

DESIGN: **WJS**

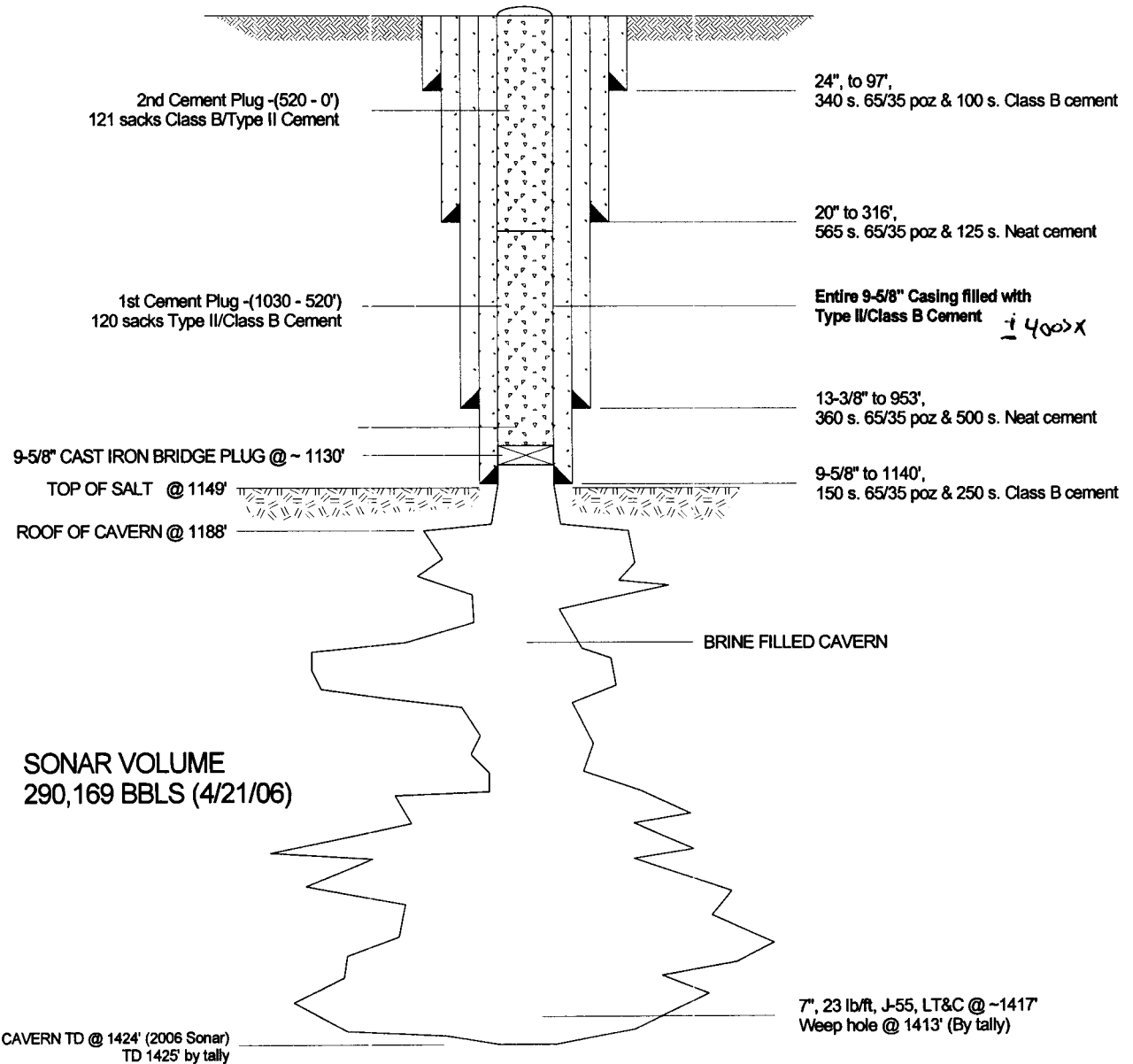
DRAWN:

CHECKED:

DATE: **10/06**

SCALE: **NONE**

Wellhead removed, welded pipe cap installed at surface



DWG. NOTES:

1. ALL DEPTHS MEASURED FROM BHF.
2. REFERENCE DATA FROM ENTERPRISE RECORDS AND PB ESS 2006 WORKOVER REPORT.

Revised : 7/06/07

PB ENERGY STORAGE SERVICES, INC.
Engineering Construction Operations
11757 KATY FREEWAY #600
HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS OPERATING LP
MOAB, UTAH

STORAGE WELL NO. 2
PLUGGING PLAN

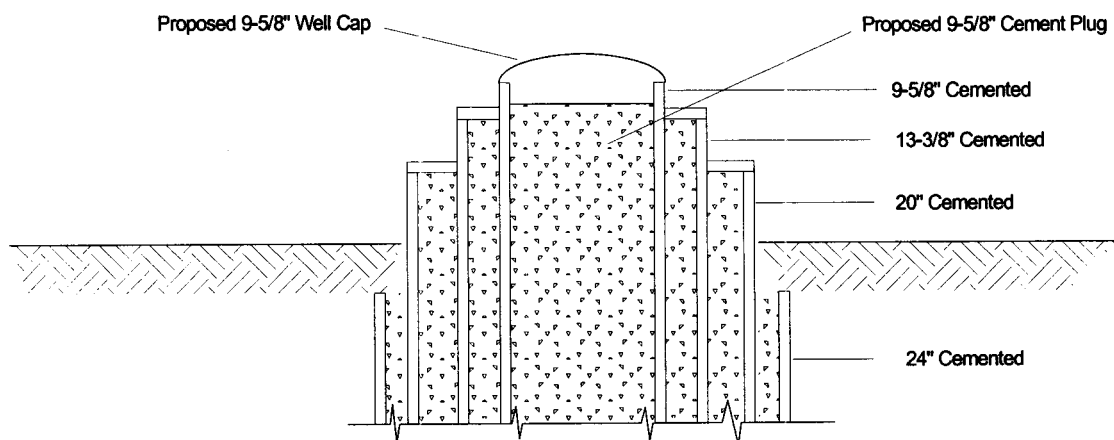
JOB No.
50653I

DRAWING No.
50653I-WO-002 R2

DESIGN: WJS	DRAWN:	CHECKED:	DATE: 07/06/07	SCALE: NONE
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STORAGE WELL NO. 2

Proposed Plugged & Abandoned Well Site



DWG. NOTES:

1. REFERENCE ENTERPRISE WELL RECORDS AND PB ESS WORKOVER REPORT.

PB ENERGY STORAGE SERVICES, INC.
Engineering Construction Operations
11757 KATY FREEWAY #600
HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS
MOAB, UTAH

MOAB STORAGE WELL NO. 2
EXISTING WELLHEAD SCHEMATIC

JOB No.
50653I

DRAWING No.
50653I-WO-005-A

DESIGN: **WJS**

DRAWN:

CHECKED:

DATE: **10/06**

SCALE: **NONE**



11757 Katy Freeway, Suite 600
Houston, Texas 77079

(281) 496-5590 (Voice)
(281) 589-5865 (Fax)

January 3, 2008

T255 R21E S-26
43-019-30534

Ms. Candace Cady
Underground Injection Control (UIC) Program Coordinator
Utah DEQ, Division of Water Quality, Ground Water Protection Section
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Mr. Dan Jarvis
Field Operations Manager
Utah Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

Re: Certification
Plugging and Abandonment Report
Enterprise Products Operating L. P.
Storage Well Buckeye No. 2
Moab, Utah

I, the undersigned, state: That I am employed by PB Energy Storage Services, Inc., agent for Enterprise Products Operating L.P., and that I have reviewed the contents of this report, and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Elmer A. Brown

Title: Field Supervisor

Date: 01-07-08

RECEIVED

JAN 11 2008

DIV. OF OIL, GAS & MINING

+ 255 R21E S-26
43-019-30534

**REPORT OF PLUGGING
ENTERPRISE PRODUCTS OPERATING L.P.
WELL: BUCKEYE NO. 2**

Moab, Utah

October 25, 2007 – October 31, 2007

Prepared by

Wally Swartz

PB Energy Storage Services, Inc.

Houston, TX



Project No. 50653N

October 2007

RECEIVED
JAN 11 2008
DIV. OF OIL, GAS & MINING

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
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2.0 WELL PLUGGING CHRONOLOGY.....	3
3.0 PLUGGING AS BUILT	5
4.0 WELL LOCATION	6
5.0 VENDOR LIST.....	8
6.0 CEMENT REPORTS	9

APPENDICES

- A. PLUGGING PROGRAM**
- B. PHOTOS**
- C. BOND LOG**

1.0 INTRODUCTION

This report summarizes the plugging of Buckeye Well No. 2 as performed by PB Energy Storage Services, Inc. (PB ESS) on behalf of Enterprise Products Operating L.P.

Well Data	
Client	Enterprise Products Operating L.P.
Location	Moab, Utah
Well No.	Buckeye No. 2
Start Date	October 25, 2007
Completion Date	October 31, 2007

The following personnel participated in the well workover.

Workover Participants	Company
E. L. Brown	PB ESS Field Supervisor
Robert Randall	Enterprise Site Representative
Wally Swartz	PB ESS Project Manager

2.0 WELL PLUGGING CHRONOLOGY

The following is a chronology of the work taken from PB ESS Field Supervisors' daily reports and the Project Manager's notes.

October 25, 2007

Key Energy equipment arrived at the Enterprise Moab Facility. After a safety meeting, the pump, tank and all associated equipment was moved in. The workover rig was rigged up and spotted after the catwalk and pipe racks were moved in. Rigged up the pump and circulated the well for an hour. The well was bled down to the rig tank. The wellhead bolts and the 11" 2000 brine spool was removed. The 18" stub that was threaded into the top of the hanger was backed out. An 11" 2000 X 11" 3000 DSA and the B.O.P. were installed. The work floor and casing tools were rigged up. A joint of 7" casing was threaded into the hanger and the hanger was pulled loose. Laid down the pull joint and the hanger joint, pulled out 31 full joints of 7" casing and a short bottom joint. Secured the well and shut down for the night.

October 26, 2007

Held a safety meeting. Rigged up Jet West Wireline and ran a 7.78" gauge ring and junk basket to 1120'. Casing was rough below 1105', so the cast iron bridge plug (CIBP) was to be set at 1090'. The 7.71" CIBP was picked up and Jet West set the plug at 1090'. The hole was filled with about six barrels of brine. Jet West then ran a Cement Bond Log on the 9 5/8" casing. Log indicated satisfactory cement. The CIBP was pressure tested to 250 psi for 30 minutes. Rigged down Jet West and removed the 11" 3000 B.O.P. Picked up and ran in 35 joints of 2 3/8" tubing and tagged the CIBP at 1090'. Closed the well in for the night.

October 27, 2007

Held a safety meeting. Rigged up Key Pressure Pumping Services cementing truck. Cemented through the 2 3/8" tubing, spotting a cement plug from 1090' to 600'. Plug was 195 sacks Type 5 Cement with 2% CaCl₂. Pulled out and laid down the tubing up to 600'. Spotted second plug from 600' to surface, with 230 sacks Type 5 Cement with 2% CaCl₂. Removed the tubing, rigged down the cement truck and moved to Well No. 1 to top off to surface with cement. Rigged down the work floor and the B.O.P. Moved cement truck back to No. 2 Well and topped off the cement to surface. Rigged down and moved out Key Pressure Pumping Services. Allowed cement to cure overnight.

October 28, 2007

Held a safety meeting. The cement level in the well was checked and found within 5 feet of surface. Installed a DSA and a companion flange with a 2 7/8" TIW valve on top. Pressured the cement to 300 psi and held pressure for 30 minutes. Rigged down all the testing equipment. Opened up the vent valves to the 9 5/8" X 13 3/8" annulus and the 13 3/8" X 20" annulus to release any trapped pressure. Rigged down the rig and shut down for the day.

October 29, 2007

Held a safety meeting. Loaded out all rig equipment and the rental tools. Welder arrived and the 11" 2000 casing head, and the plates that were holding the 9 5/8" to the 13 3/8" casing, and the plates that were holding the 13 3/8" to the 20" casing.

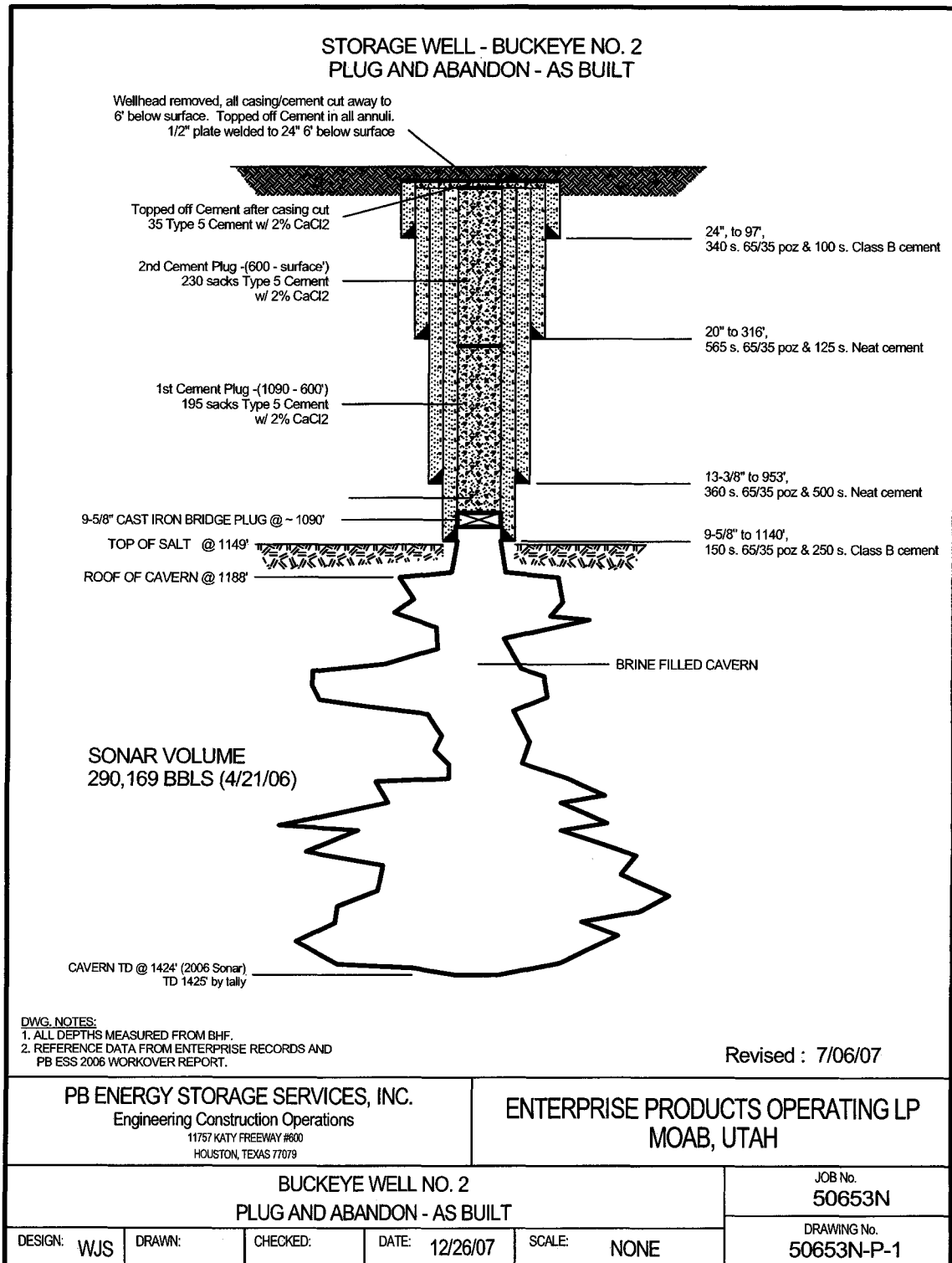
October 30, 2007

Excavated around the wellhead to about 7 feet below grade. Cut off all well casing to a minimum of 6 feet below ground level. This included the 9 5/8", the 13 3/8", the 20", and the 24" casing. Waited for the cement truck (No cement truck showed up).

October 31, 2007

The Key Energy Pressure Pumping Services cement truck was rigged up to fill top of annuli. Key topped of the annuli with 35 sacks of cement with 2 % calcium chloride. The cement was allowed to set for three hours. When cement was hard, a 1/2" steel plate was welded on to the top of the 24" casing and the 7' cellar was backfilled. Enterprise placed a marker over the top of the well site. (Surveyors later mapped the GPS coordinates of the well location. Results are included later in this report.)

3.0 PLUGGING AS BUILT



4.0 WELL LOCATION

5.0 VENDOR LIST

Vendor/Description	Contact	Phone/Fax
Key Energy Services, Inc. (workover services & B.O.P.'s)	Mike Leonard	505-327-0416 505-327-4962 fax
Key Energy Services, Inc. (cementing services)	Mike Leonard	505-327-0416 505-327-4962 fax
San Juan Casing Services (casing crew – pulling casing)	Ron Fellabaum	505-325-5835 550-327-7286 fax
John's Welding, Inc. (welding services)	John	970-625-5022 970-625-9178 fax
Henderson Construction (backhoe services w/operator)	Yvette	435-259-4111 435-259-4117 fax
Jet West Geophysical Services, LLC (setting 9 5/8" cast iron bridge plug)	Mike Thomason / Mick Peterson	505-326-1415 505-325-7932 fax
Weatherford International, Inc. (rental tool services)	Nate Sunkees	435-789-0445
Grand Rental Center (8,000# all terrain forklift)	Ambrose	435-259-6976 435-259-4312 fax
Harrison Oilfield Services (water truck – transfer water from pit to tank)	Sales	435-259-6430 435-260-8620 fax Call before sending fax
Single Shot Trucking, Inc. (miscellaneous hot shot services)	Veda	435-247-2551 435-722-2279 fax
Prairie Dawg, Inc. (port-o-let + delivery)	Aron	435-259-5228 435-259-5353 fax
High Tech Rental Tools (rental tools)	Ryan	505-334-2266 505-334-1770 fax
K. L. Young (backhoe services w/operator)	K. L. Young	435-259-1625 435-260-9720 cell 435-259-6900 fax
Uintah Engineering & Land Surveying	Robert Kay	435-789-1017 435-789-1813
Montezuma Well Service (pipe racks, cat walk, pumps, pit)	Earl Martinez	435-651-3469 435-651-3409 fax

6.0 CEMENT REPORTS



Pressure Pumping
Services

Field Receipt

Customer PB Energy		Customer No.		Job No. 70079778			
Address 11757 Katy Freeway, Suite 600		Credit No.		P.O. No.			
City, State, Zip Houston, TX 77079		Job Type Cement					
District Farmington - 160/555		Well Type Old Gas		Formation			
Well Name and No. Buckeye #2		Well Location Sec. TN, RW		County Grand	State Utah		
Product Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Retn Discount	Net Amount
860010	Pickup Mileage Charge	Mi	408	\$4.65	\$1,897.20	35.00%	\$1,233.18
860000	Unit Mileage Charge - Trucks and Vans (Except Bulk Units) Per Unit Mile	Mi	408	\$7.70	\$3,141.60	35.00%	\$2,042.04
860050	Cement Delivery Charge	TM	4074.9	\$2.80	\$11,409.72	35.00%	\$7,416.32
862011	Cement Pump Tubing, Rockies 1001'-2000', 1st 4 Hrs	Ea	1	\$4,700.00	\$4,700.00	35.00%	\$3,055.00
870000	Standard Cement, Farmington, 94 lbs.	Sack	425	\$25.00	\$10,625.00	35.00%	\$6,906.25
872000	Blending Charge	CU FT	520	\$3.40	\$1,768.00	35.00%	\$1,149.20
810080	Electronic Recorder (No Van)	Job	1	\$530.00	\$530.00	35.00%	\$344.50
873010	Calcium Chloride	Lb	800	\$1.17	\$936.00	35.00%	\$608.40
				Gross	\$35,007.52	Net	\$22,754.89
SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH TERMS AND CONDITIONS (INCLUDING INDEMNIFICATION OBLIGATIONS) PRINTED ON THE REVERSE SIDE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER		Customer Representative		Mr. E.L. Brown		
			KEPPS Representative		Dean Mestas 102707		
			Date		October 27, 2007		
			CUSTOMER AUTHORIZED AGENT				



Pressure Pumping
Services

CEMENT JOB DETAIL REPORT

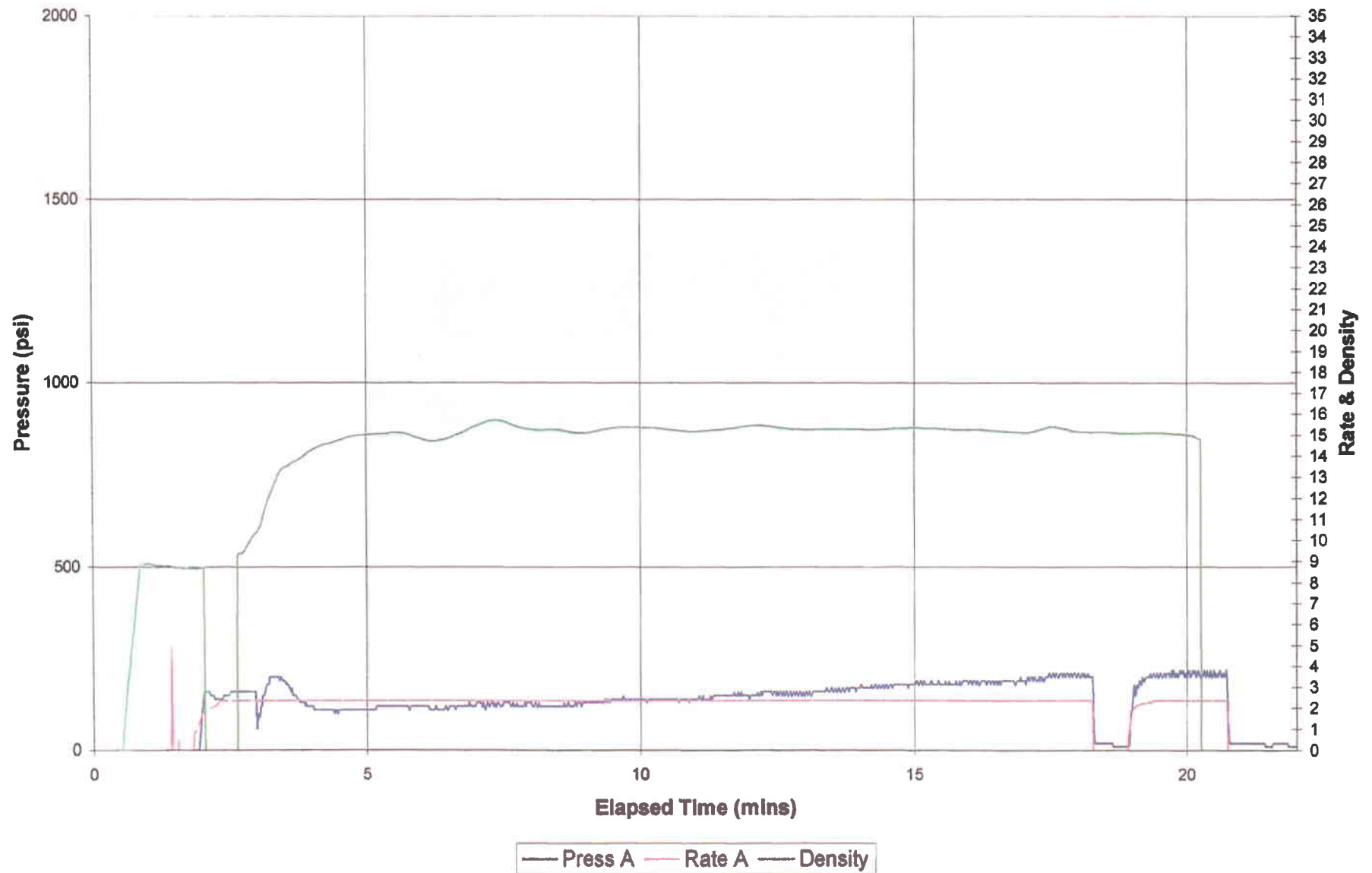
CUSTOMER NAME: **PB Energy** DATE: **October 27, 2007** F. R. #: **70079776** JOB TYPE: **P & A**
 LEASE & WELL NAME: **Buckeye #2** LOCATION: **Sec., TN, RW** SERVICE SUP: **Dean Mestas** WELL TYPE: **Old Gas**
 DRILLING CONTRACTOR & No.: **-** OPERATOR: **-** COUNTY: **Grand** STATE: **Utah**

MATERIALS FURNISHED:				TYPE OF PLUGS		LIST CSG. HARDWARE		SQUEEZE MANIFOLD		TOP OF EACH FLUID		PHYSICAL SLURRY PROPERTIES						
				TOP	-							SLURRY WEIGHT LB/GAL	SLURRY YIELD CU-FT	WATER REQ GPS	PUMP TIME HR MIN	BBL SLURRY	BBL MIX WATER	
				BOTTOM														
Pumped	195 sacks	Cement Type 6 w/ 2% CaCl2							(234.0cuft)	1090'- 693'	15.5	1.20	5.4		41.7	24.8		
Pumped	230 sacks	Cement Type 5 w/ 2% CaCl2							(276.0cuft)	693'- Surface	15.5	1.20	5.4		49.2	29.3		
AVAILABLE MIX H2O: 80.0 Bbl				AVAILABLE DISPL. H2O: 80.0 Bbl				Total cu ft: 510.0cuft		TOTAL SLURRY/WATER: 90.8 54.1								
HOLE				TSG. CSG. D.P.				TSG. CSG. D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH		SHOE	FLOAT	STAGE				
			2 3/8	4.7#	J-55	1090'	9 5/8	36.0#	J-55	1090'								
LAST CASING				PRC. CMT RET. BR PL. LINER				PEEP DEPTHS				TOP CONNECTION				WELLBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BOTTOM		SIZE	THREAD			TYPE	WEIGHT			
										2 3/8	8 Round			Produced Water				
CALCULATED DISPLACEMENT VOLUME, BBL				CAL PSI		CAL MAX PSI		OP MAX	MAX TSG. PSI		MAX CASING PSI		DISPLACEMENT FLUID				WATER	
TUBING	CASING	CASING	TOTAL	BUMP PLUG		TO REVERSE		SO. PSI	RATED	OP	RATED	OP	TYPE				SOURCE	
												1,500	Fresh Water				8.34 Water Truck	

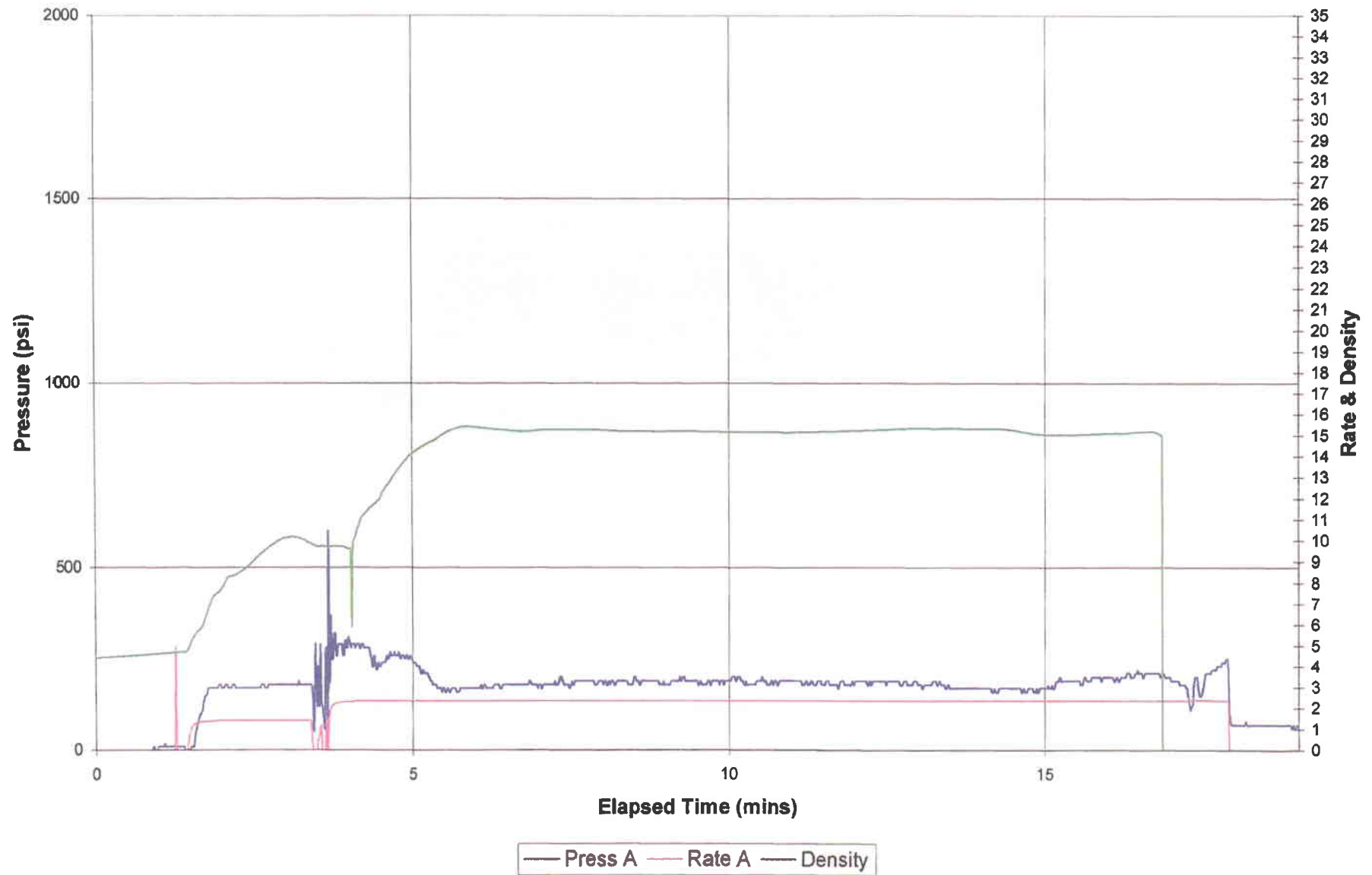
EXPLANATION OF ANY TROUBLES PRIOR TO CEMENTING:

PRESSURE, RATE, AND FLUID DETAIL						EXPLANATION					
TIME HR: MIN	PRESSURE - PSI		RATE BPM	BBL FLUID PUMPED	FLUID TYPE	SAFETY MEETING: KEPPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/> RIG CREW <input checked="" type="checkbox"/> CIRCULATING WELL: KEPPS <input type="checkbox"/> RIG CREW <input type="checkbox"/> OTHER <input type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES: 2000 psi					
7:30	-	-	-	-	-	Arrive on location, safety meeting, rig-up					
8:09	120	-	2.6	3.0	H ₂ O	Start H ₂ O w/ 3.0 bbl H ₂ O to circulate hole					
8:11	225	-	2.6	41.7	Cement	Start Cement w/ 41.7 bbl slurry (195sx)					
8:20	200	-	2.6	2.6	H ₂ O	Start Displacement w/ 2.6 bbl H ₂ O					
8:21	-	-	-	-	-	SD, TOH, Prepare for cement					
8:43	100	-	2.6	3.0	H ₂ O	Start H ₂ O w/ 3.0 bbl H ₂ O to circulate hole					
8:45	150	-	2.6	49.2	Cement	Start Cement w/ 49.2 bbl slurry (230sx)					
9:05	-	-	-	-	-	SD, cement to surface, TOH					
BUMPED PLUG	PUMP PSI TO BUMP PLUG		TESTED FLOAT EQUIPMENT	TOTAL BBL PUMPED	BBL CMT. RETURNS/ REVERSED	PSI LEFT ON CSG/TSG	TOP OF CEMENT	KEPPS REPRESENTATIVE: <u>Dean Mestas</u> 102707			
				88.4			Surface	CUSTOMER REPRESENTATIVE: <u>Mr. E.L. Brown</u>			
								CUSTOMER REP. SIGNATURE: _____			

**PB Energy
Buckeye #2
P&A - 2nd stage
Oct. 27, 2007**



PB Energy
Buckeye #2
P&A - 1st stage
Oct. 27, 2007



APPENDIX A

PLUGGING PROGRAM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Buckeye No. 2
9. API NUMBER: 4301930534
10. FIELD AND POOL, OR WILDCAT: Undesignated

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Cavern Storage Well

2. NAME OF OPERATOR:
Enterprise Products Operating LP

3. ADDRESS OF OPERATOR:
1431 North Hwy 191 CITY Moab STATE UT ZIP 84532 PHONE NUMBER: (435) 259-6755

4. LOCATION OF WELL
FOOTAGES AT SURFACE: COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 26 25S 21E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: <u>10/10/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached program for plugging and abandonment of Buckeye No. 2 Storage Well for Enterprise Products in Moab. Work to begin on or about October 10, 2007. A plugging report will be issued after completion.

Please forward approval notice to attention of:

Wally Swartz
PB Energy Storage Services, Inc.
11757 Katy Freeway, Suite 600
Houston, Texas 77079

NAME (PLEASE PRINT) <u>Wally Swartz - Project Manager, 281-589-5810</u>	TITLE <u>Agent for Enterprise Products Operating, LP</u>
SIGNATURE <u>Wally Swartz</u>	DATE <u>9/18/2007</u>

(This space for State use only)



SPECIFICATION

50653J

ENTERPRISE PRODUCTS
MOAB CAVERN NO. 2
PLUGGING AND ABANDONMENT PLAN

Date 10/17/06

Page 1 of 2

1.0 INTRODUCTION

Enterprise Products is planning to plug and abandon Cavern Well No. 2 at their propane storage facility in Moab, Utah. Well No. 2 was removed from propane storage service in April 2006. The well was worked over and a mechanical integrity test was attempted on the cavern/well system. The test was unsuccessful and the decision was made to proceed with abandonment. Plugging and abandonment will be performed according to Part III Section J. of the Ferrellgas Class V Underground Injection Control Permit, "Plugging and Abandonment of Buckeye Gas Injection Well #2 and Storage Cavern".

2.0 PREPARATION

- 2.1 Surface Piping – All brine and product piping will be purged, disconnected, and removed or capped and abandoned.
- 2.2 Product Removal – The cavern has already been emptied of all hydrocarbon product; the well bore was purged with nitrogen gas.
- 2.3 Tubing string – The 7" tubing string will be removed and recovered.
- 2.4 The cavern will be filled with saturated brine.
- 2.5 The casing, borehole, and cavern were extensively logged during the workover and the MIT performed in April and May of 2006. These logs included a cavern sonar, casing inspection log, and gamma-gamma density logs during the MIT. A Cement Bond log will be run on the 9-5/8" production casing to determine the cement bond quality behind the casing. Additional logging will only be performed as necessary to set plugs and cement.
- 2.6 If it is determined that there is free pipe in the well, this casing will be cut and pulled after setting a bridge plug near the bottom of the casing, but before cementing operations take place.
- 2.7 The MIT performed on the well bore and cavern indicated that the 9-5/8" cemented casing and the cavern borehole demonstrated good mechanical integrity as there was no indication of leaks of nitrogen gas that had been injected in this area. The well was monitored for 25 days after injection.

3.0 PROCEDURE

- 3.1 A cast iron bridge plug will be set in the bottom joint of 9-5/8" production casing above the casing shoe. Ensure the 9-5/8" is full of brine and pressure with brine to 250 psi for 30 minutes to verify that bridge plug has sealed.
- 3.2 All brine displaced during cementing and any recovered brine will be contained and transferred to the brine pond. Prior to cementing, the well will be checked to ensure that all fluid levels are static.
- 3.3 Using neat API Class B or ANSI Type II cement, an initial plug will be set above the bridge plug from approximately 1130' to 600'. A cementing string, will be used to pump the cement into the 9-5/8" casing above the bridge plug. The casing will be filled with cement to the surface by slowly pumping cement and raising the working string while displacing brine. The cement volume will be monitored to verify the absence of appreciable voids.

PREPARED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	REVISION	DATE
W. Swartz	06/28/06	T. Moran	06/29/06	T. Moran	06/29/06	5	07/06/07



SPECIFICATION

50653J

ENTERPRISE PRODUCTS
MOAB CAVERN NO. 2
PLUGGING AND ABANDONMENT PLAN

Date 10/17/06

Page 2 of 2

- 3.4 Cementing will be accomplished in two approximate 600 foot stages, allowing the cementing string to be moved above the cement after each stage. The cement level will be monitored at the end of the operation to verify the final level. If necessary, cement will be added to the top of the well to bring the final level to within 10 feet of the surface. After cementing, the cement will be allowed to cure for 24 hours.
- 3.5 After curing, the location of the cement plug will be verified to ensure that the cement level did not fall. Pressure with water or brine to 300 psi for 30 minutes to verify that plug has sealed.
- 3.6 Following the curing of cement, the product casing will be cut down to the surface and a steel pipe cap will be welded over the end of the casing. The cap will be left above grade and will serve as a marker for the well location.
- 3.8 A licensed professional surveyor will prepare a map showing the coordinates and elevation of the cap on the well location. A copy of the map will be provided to the Utah DEQ, Division of Water Quality.

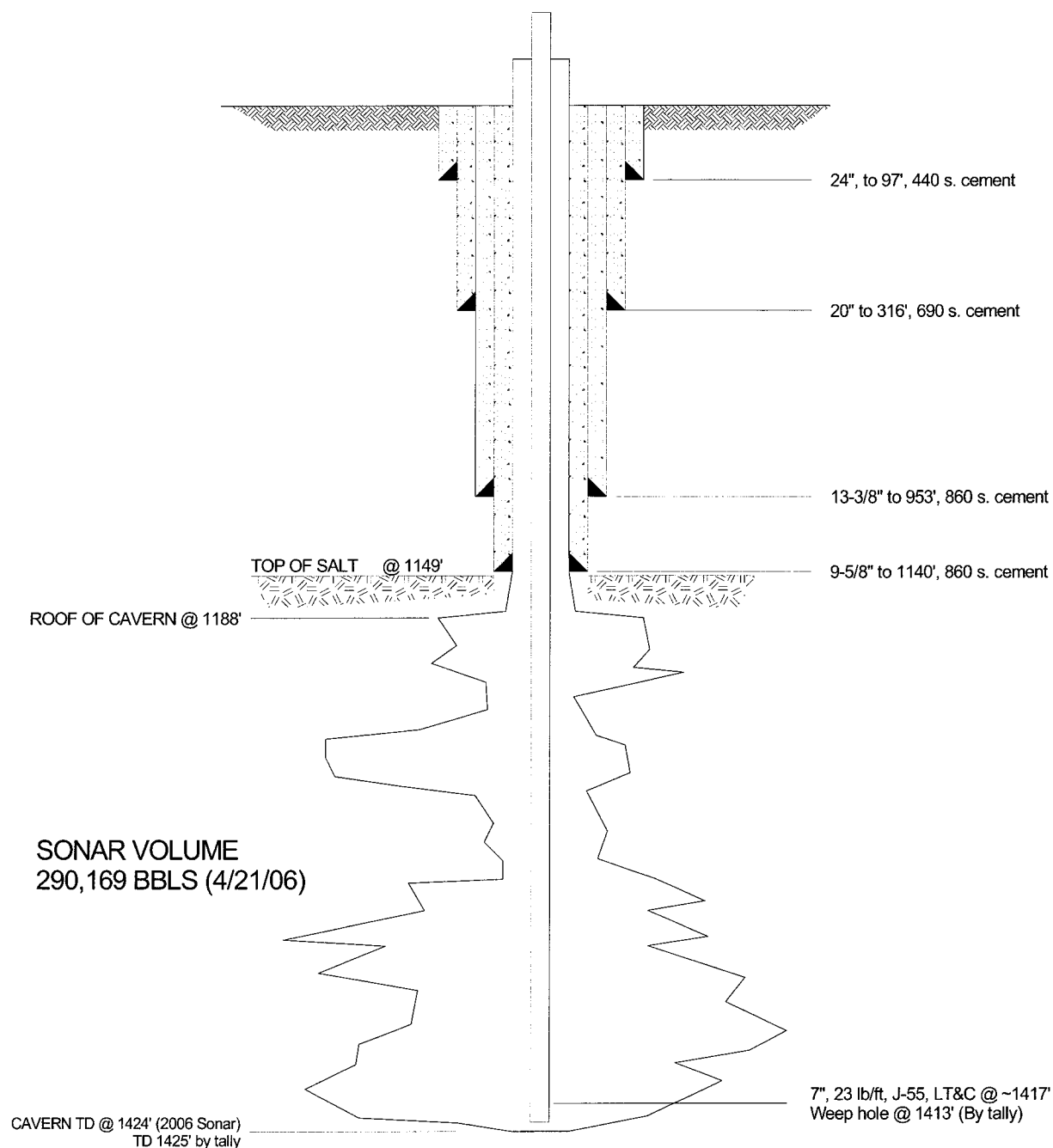
4.0 REPORTING

- 4.1 As required by the Underground Injection Control Permit, a plugging and abandonment report will be completed and submitted to the DEQ within 60 days after completion of plugging activities.

5.0 DRAWINGS

- 5.1 50653I-001 – Existing Well No. 2 Well Schematic
- 5.2 50653I-004 – Existing Well No. 2 Wellhead Schematic
- 5.3 50653I-002 – Proposed Well No. 2 Plugging Plan
- 5.4 50653-005 – Proposed Plugged Well Site

PREPARED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	REVISION	DATE
W. Swartz	06/28/06	T. Moran	06/29/06	T. Moran	06/29/06	5	07/06/07



DWG. NOTES:

1. ALL DEPTHS MEASURED FROM BHF.
2. REFERENCE DATA FROM ENTERPRISE RECORDS AND PB ESS 2006 WORKOVER REPORT.

PB ENERGY STORAGE SERVICES, INC.
Engineering Construction Operations
11757 KATY FREEWAY #600
HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS OPERATING LP
MOAB, UTAH

STORAGE WELL NO. 2
WELL SCHEMATIC

JOB No.
50653I

DRAWING No.
50653I-WO-001

DESIGN: **WJS**

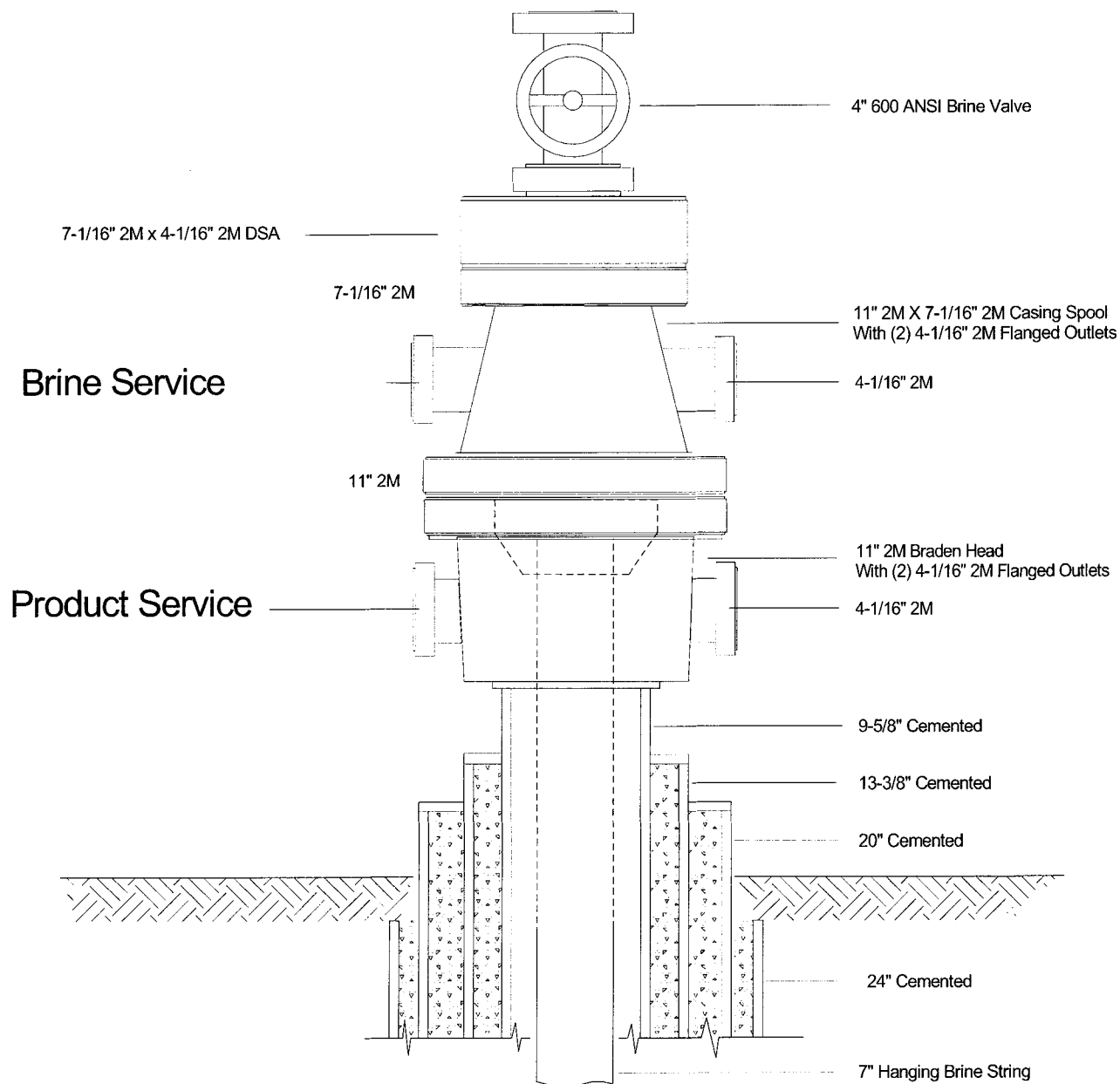
DRAWN:

CHECKED:

DATE: **04/06**

SCALE: **NONE**

STORAGE WELL NO. 2



DWG. NOTES:

1. REFERENCE ENTERPRISE WELL RECORDS AND PB ESS WORKOVER REPORT.

PB ENERGY STORAGE SERVICES, INC.

Engineering Construction Operations

11757 KATY FREEWAY #600

HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS
MOAB, UTAH

MOAB STORAGE WELL NO. 2
EXISTING WELLHEAD SCHEMATIC

JOB No.

50653I

DRAWING No.

50653I-WO-004-A

DESIGN:

WJS

DRAWN:

CHECKED:

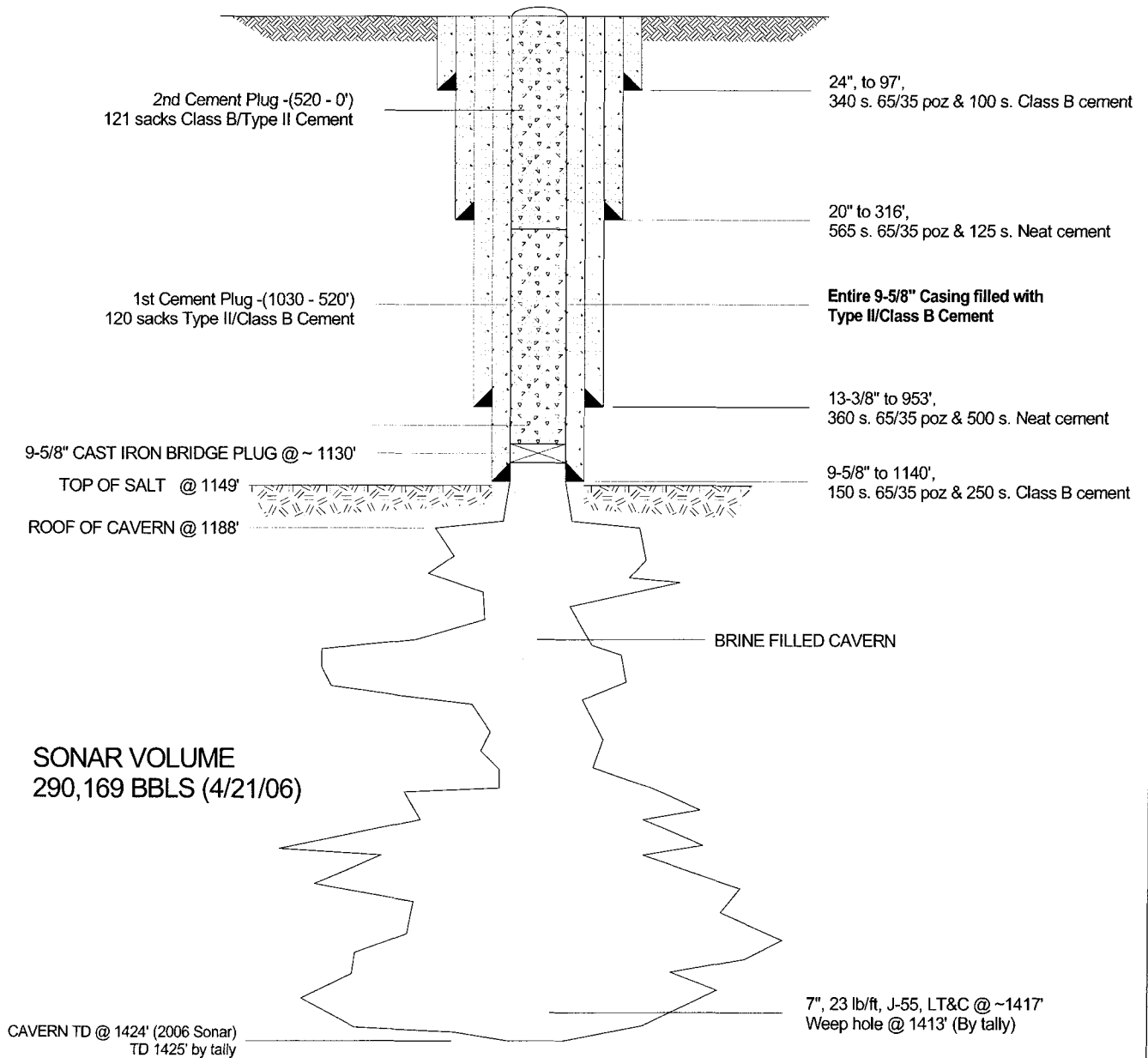
DATE:

10/06

SCALE:

NONE

Wellhead removed, welded pipe cap installed at surface



DWG. NOTES:

1. ALL DEPTHS MEASURED FROM BHF.
2. REFERENCE DATA FROM ENTERPRISE RECORDS AND PB ESS 2006 WORKOVER REPORT.

Revised : 7/06/07

PB ENERGY STORAGE SERVICES, INC.

Engineering Construction Operations

11757 KATY FREEWAY #600

HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS OPERATING LP
MOAB, UTAH

STORAGE WELL NO. 2
PLUGGING PLAN

JOB No.

50653I

DRAWING No.

50653I-WO-002 R2

DESIGN:

WJS

DRAWN:

CHECKED:

DATE:

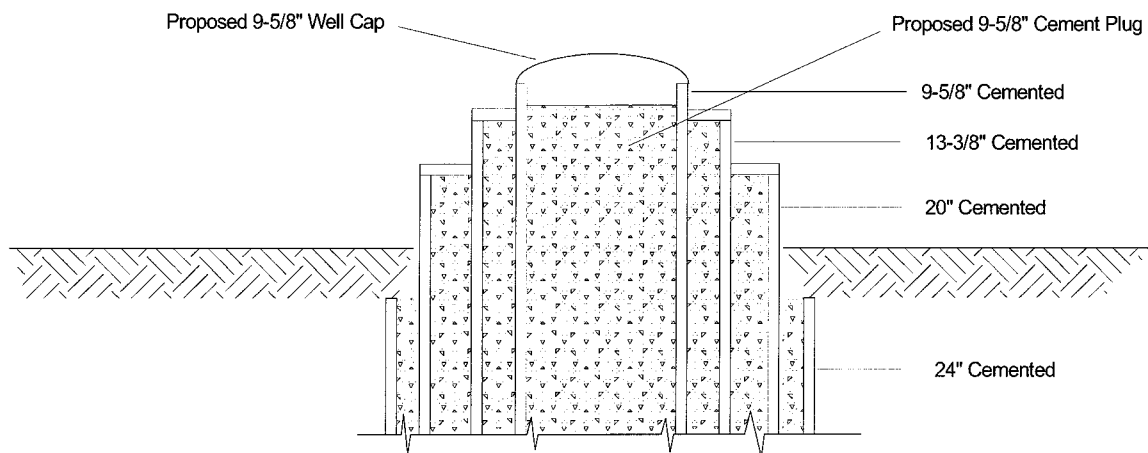
07/06/07

SCALE:

NONE

STORAGE WELL NO. 2

Proposed Plugged & Abandoned Well Site



DWG. NOTES:

1. REFERENCE ENTERPRISE WELL RECORDS AND PB ESS WORKOVER REPORT.

PB ENERGY STORAGE SERVICES, INC.

Engineering Construction Operations

11757 KATY FREEWAY #600

HOUSTON, TEXAS 77079

ENTERPRISE PRODUCTS
MOAB, UTAH

MOAB STORAGE WELL NO. 2
EXISTING WELLHEAD SCHEMATIC

JOB No.

50653I

DRAWING No.

50653I-WO-005-A

DESIGN: **WJS**

DRAWN:

CHECKED:

DATE: **10/06**

SCALE: **NONE**

APPENDIX B

PHOTOS



10-25-07 Pulling 7" Casing



10-27-07 No. 2 Wellhead After Setting Cement Plugs



10-29-07 No. 2 Wellhead Removed (Plug visible)



10-30-07 Removing 24" Conductor Casing



10-30-07 Cutting away the 20" Casing



10-30-07 Cutting away the 13 3/8" Casing



10-30-07 Cutting away the excess 9 5/8" Casing



10-31-07 Topping off cement



10-31-07 Cement Topped / Cured



10-31-07 Steel Plate welded on top of 24" Casing



10-31-07 Buckeye No. 2 Well Location Backfilled

APPENDIX C

BOND LOG



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

Department of Environmental Quality

William J. Sinclair
Acting Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

Water Quality Board
Joe Piccolo, Chair
Paula Doughty, Vice-Chair
David F. Echols
Merritt K. Frey
Darrell H. Mensel
Leland J. Myers
William J. Sinclair
Jay Ivan Olsen
Gregory L. Rowley
Steven P. Simpson
Daniel C. Snarr
Phil Wright
Walter L. Baker,
Executive Secretary

February 19, 2009

Buckeye 2
43-019-30534
T25S R 21E Sec 26

Ms. Mary E. Hebert
Director, Field Compliance
Enterprise Products
P.O. Box 4324
Houston, TX 77210-4324

Subject: Approval of Facility Closure Report, Enterprise Products Operating LLC, Moab Storage Facility:
Termination of Class V Underground Injection Control Permit UTU-191P-112F771 and
Termination of Ground Water Quality Discharge Permit UGW190001

Dear Ms. Hebert:

This letter is to notify you that, effective immediately, the Utah Division of Water Quality (DWQ) has terminated the following permits that were issued to Enterprise Products Operating, LLC (Enterprise):

1. Class V Underground Injection Control Permit UTU-191P-112F771, and
2. Ground Water Quality Discharge Permit UGW190001.

The above-referenced permit terminations are based on the approved decommissioning and closure activities summarized below.

Class V Underground Injection Control Permit UTU-191P-112F771

Approval of Plugging and Abandonment Plans for Buckeye #1 and #2 Cavern/Injection Well Systems. On July 12, 2007, DWQ issued an approval letter to Enterprise after reviewing the revised plugging and abandonment plans for the Buckeye #1 and #2 deep liquefied petroleum gas (LPG) storage wells after confirming that the comments and concerns articulated by DWQ in its letter dated March 27, 2007 were adequately addressed.

Submittal of Certifications and Plugging and Abandonment Reports for the Enterprise Buckeye #1 and #2 LPG Storage Wells. In late October 2007, Woodrow Campbell of the DWQ Ground Water Protection Section was on site to witness the plugging and abandonment of the Buckeye #1 and Buckeye #2 LPG storage wells. On January 11, 2008, DWQ received a letter of transmittal from Wally Swartz, Project Manager of PB Energy Storage Services, Inc., with the plugging and abandonment reports for the Buckeye #1 and #2 LPG storage wells. Each report included a Certification signed by Elmer L. Brown, Field Supervisor of PB Energy Storage Services, Inc. dated January 3, 2008.

Ground Water Quality Discharge Permit UGW190001

Submittal of Draft Facility Closure Plan. In accordance with Ground Water Quality Discharge Permit UGW190001, Enterprise submitted a facility closure plan to DWQ on February 8, 2008. After reviewing the Draft Facility Closure Plan, Woodrow Campbell of the DWQ Ground Water Protection Section issued a DWQ Conditional Approval letter to Ms. Mary E. Hebert of Enterprise on February 28, 2008, indicating that the asphalt liner in pond 1 had to be removed and properly disposed offsite.

Plugging and Abandonment of Ground Water Monitoring Wells. On June 13, 2008, Woodrow Campbell of the DWQ Ground Water Protection Section was on site to witness the plugging and abandonment of the three four-inch PVC ground water compliance monitoring wells used to monitor the brine ponds. The wells were plugged and abandoned by a Utah Licensed Water Well Driller (License No. 807) in accordance with UAC R655-4-12, *Abandonment of Wells*. The well abandonment reports are provided in Facility Closure Report described below.

Facility Decommissioning Activities During the same week of the monitoring well abandonments, Woodrow Campbell of the DWQ Ground Water Protection Section also witnessed the following facility decommissioning activities:

- removal and disposal of part of the asphalt liner from brine pond 2;
- stockpiles of piping and other materials that would be transported off site for recycling or disposal;
- back-filling and grading of the site.

Submittal of Facility Closure Report. On November 18, 2008 DWQ received the Facility Closure Report for the Enterprise Products Moab Storage Facility, Ground Water Discharge Permit No. UGW190001, under cover letter from Mary E. Hebert, Director of Field Compliance. The Facility Closure Report included the decommissioning scope of work, a description of the decommissioning process and activities, and appendices including well abandonment reports, waste recycling and disposal documentation, and photographs of facility decommissioning activities.

Final Inspection and Approval of Facility Closure Plan. On January 23, 2009, Woodrow Campbell of the DWQ Ground Water Protection Section conducted a final inspection of the facility. Based on the results of the final inspection, the Facility Closure Report is hereby approved.

Request for Termination of Permits

In a letter dated February 2, 2009 from Mary E. Hebert, Enterprise requested that Class V Underground Injection Control Permit UTU-191P-112F771 and Ground Water Quality Discharge Permit UGW190001 be terminated.

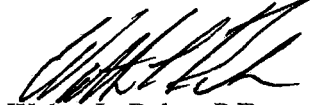
Based on the final facility inspection and approval of the Facility Closure Report, DWQ has terminated Class V Underground Injection Control Permit UTU-191P-112F771 and Ground Water Quality Discharge Permit UGW190001, effective immediately.

We appreciate the diligent efforts and cooperation of Enterprise during the decommissioning and closure of the subject facilities. If we can be of further assistance, please contact Mr. Woodrow Campbell at wwcampbell@utah.gov or (801) 538-6067.

Ms. Mary E. Hebert
February 19, 2009
Page 3

Sincerely,

Utah Water Quality Board



Walter L. Baker, P.E.
Executive Secretary

WLB:RFH/wwc

cc: Claron Bjork Southeastern Utah District Health Department
David Ariotti, Southeastern Utah District Engineer
Dan Jarvis, Division of Oil, Gas and Mining
Mark Wright, Grand County Engineer

WLB/RFH:wc

Wcampbell/wp/enterprise/closure report approval and permit termination letter.doc